

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083363.D
 Acq On : 1 Dec 2015 5:46
 Operator : UM/IZ
 Sample : PB86921BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:14 PM

Quant Time: Dec 01 07:24:29 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	172542	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	681382	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	355712	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	680465	20.00	ng	0.00
75) Chrysene-d12	14.75	240	580647	20.00	ng	-0.01
86) Perylene-d12	16.82	264	422105	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	870082	75.67	ng	0.01
7) Phenol-d6	6.22	99	1159400	73.67	ng	0.00
23) Nitrobenzene-d5	7.13	82	1099389	70.93	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	252680	70.76	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1753837	70.26	ng	0.00
78) Terphenyl-d14	13.22	244	1765480	72.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	160404	25.76	ng	# 89
3) Pyridine	2.62	79	492825	31.64	ng	99
4) n-Nitrosodimethylamine	2.58	42	255321	33.31	ng	98
6) Aniline	6.21	93	485523	22.55	ng	95
8) 2-Chlorophenol	6.34	128	475578	37.49	ng	99
9) Benzaldehyde	6.09	77	224883	27.63	ng	99
10) Phenol	6.24	94	658682	34.78	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	493993	35.86	ng	99
12) 1,3-Dichlorobenzene	6.49	146	504384	35.77	ng	99
13) 1,4-Dichlorobenzene	6.57	146	507514	34.83	ng	98
14) 1,2-Dichlorobenzene	6.72	146	446800m	33.42	ng	
15) Benzyl Alcohol	6.72	79	470720	38.70	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.84	45	906080	37.49	ng	# 44
17) 2-Methylphenol	6.84	107	409759	38.76	ng	99
18) Hexachloroethane	7.06	117	175138	34.60	ng	97
19) n-Nitroso-di-n-propylamine	6.98	70	383747	34.11	ng	# 86
20) 3+4-Methylphenols	7.00	107	545177	38.07	ng	99
22) Acetophenone	6.97	105	685287	33.61	ng	# 90
24) Nitrobenzene	7.14	77	546213	33.00	ng	# 86
25) Isophorone	7.39	82	1047263	34.88	ng	97
26) 2-Nitrophenol	7.46	139	237445	35.14	ng	93
27) 2,4-Dimethylphenol	7.53	122	430943	38.05	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	630409	36.87	ng	98
29) 2,4-Dichlorophenol	7.71	162	406746	37.34	ng	98
30) 1,2,4-Trichlorobenzene	7.78	180	407315	34.35	ng	# 93
31) Naphthalene	7.86	128	1320017	35.70	ng	99
32) Benzoic acid	7.68	122	264542	33.86	ng	97
33) 4-Chloroaniline	7.93	127	211957	13.30	ng	97
34) Hexachlorobutadiene	7.98	225	235907	35.04	ng	98
35) Caprolactam	8.30	113	138795m	40.32	ng	
36) 4-Chloro-3-methylphenol	8.43	107	470338	38.49	ng	92
37) 2-Methylnaphthalene	8.54	142	870830m	35.24	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	380007	33.70	ng	99
40) Hexachlorocyclopentadiene	8.70	237	392165	73.21	ng	98

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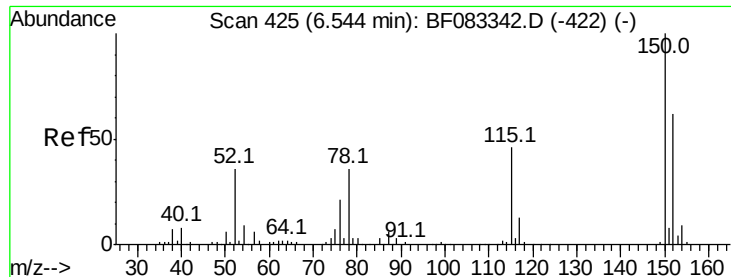
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	288633	36.49	nq	98
43) 2,4,5-Trichlorophenol	8.89	196	307015	37.46	nq	97
45) 1,1'-Biphenyl	9.01	154	1029453	33.00	nq	94
46) 2-Chloronaphthalene	9.04	162	853925	35.92	nq	99
47) 2-Nitroaniline	9.15	65	340672	36.19	nq	99
48) Acenaphthylene	9.45	152	1315188	34.69	nq	99
49) Dimethylphthalate	9.33	163	985832	34.10	nq	99
50) 2,6-Dinitrotoluene	9.39	165	233876	37.89	nq	98
51) Acenaphthene	9.62	154	780754	35.01	nq	99
52) 3-Nitroaniline	9.56	138	117241	16.20	nq	82
53) 2,4-Dinitrophenol	9.66	184	205417	57.17	nq	90
54) Dibenzofuran	9.79	168	1132975	34.67	nq	99
55) 4-Nitrophenol	9.76	139	348899	77.09	nq	# 75
56) 2,4-Dinitrotoluene	9.79	165	281708	35.96	nq	93
57) Fluorene	10.13	166	919888	35.64	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	243365	36.81	nq	97
59) Diethylphthalate	10.03	149	957149	34.74	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	455800	38.44	nq	99
61) 4-Nitroaniline	10.18	138	234595	32.40	nq	95
62) Azobenzene	10.29	77	1313019	39.45	nq	99
64) 4,6-Dinitro-2-methylphenol	10.20	198	170083	37.23	nq	92
65) n-Nitrosodiphenylamine	10.26	169	873959	36.55	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	269711	36.23	nq	95
67) Hexachlorobenzene	10.69	284	298397	36.25	nq	# 72
68) Atrazine	10.82	200	281100	42.50	nq	98
69) Pentachlorophenol	10.92	266	320197	74.27	nq	97
70) Phenanthrene	11.16	178	1467695	36.45	nq	99
71) Anthracene	11.22	178	1528722	37.71	nq	100
72) Carbazole	11.41	167	1364796	37.47	nq	99
73) Di-n-butylphthalate	11.86	149	1644983	38.11	nq	99
74) Fluoranthene	12.66	202	1481203	35.48	nq	99
76) Benzidine	12.87	184	471883	27.29	nq	97
77) Pyrene	12.97	202	1517676	37.43	nq	98
79) Butylbenzylphthalate	13.96	149	675071	39.24	nq	94
80) Benzo(a)anthracene	14.74	228	1272395	35.77	nq	99
81) 3,3'-Dichlorobenzidine	14.73	252	228227	20.54	nq	98
82) Chrysene	14.80	228	1177828	34.27	nq	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	903073	39.14	nq	99
84) Di-n-octyl phthalate	15.84	149	1343484	39.10	nq	99
85) Indeno(1,2,3-cd)pyrene	18.19	276	960929	38.39	nq	100
87) Benzo(b)fluoranthene	16.31	252	1031929	38.10	nq	97
88) Benzo(k)fluoranthene	16.34	252	827501m	32.36	nq	
89) Benzo(a)pyrene	16.74	252	862666	37.08	nq	# 97
90) Dibenzo(a,h)anthracene	18.23	278	800216	39.48	nq	98
91) Benzo(g,h,i)perylene	18.57	276	821690	41.30	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083363.D

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BNA_F

ClientSampleId :

PB86921BS

Tot Ion:152 Resp: 172542

Ion Ratio Lower Upper

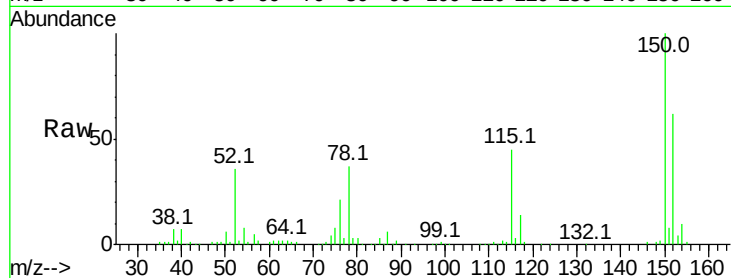
152 100

150 160.6 129.8 194.8

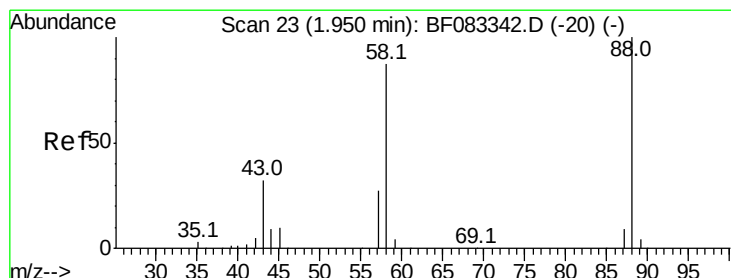
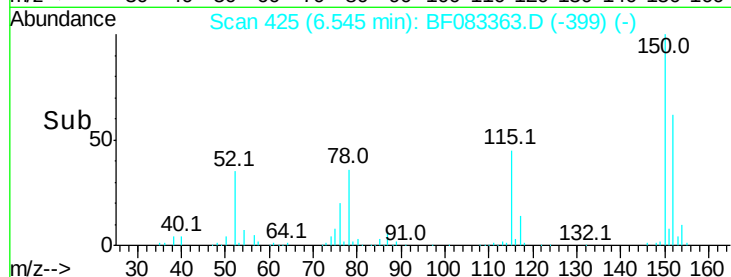
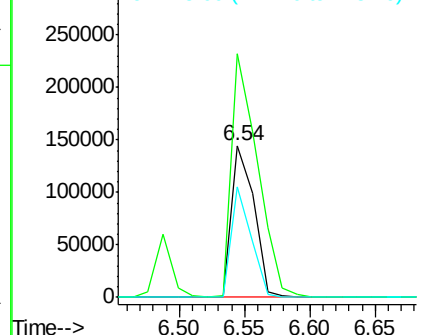
115 72.7 59.2 88.8

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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: 25.76 ng

RT: 2.02 min Scan# 29

Delta R.T. 0.07 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

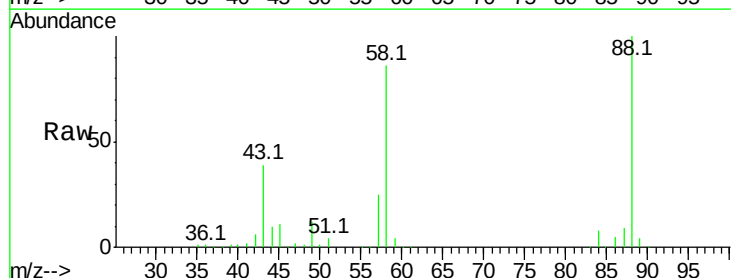
Tgt Ion: 88 Resp: 160404

Ion Ratio Lower Upper

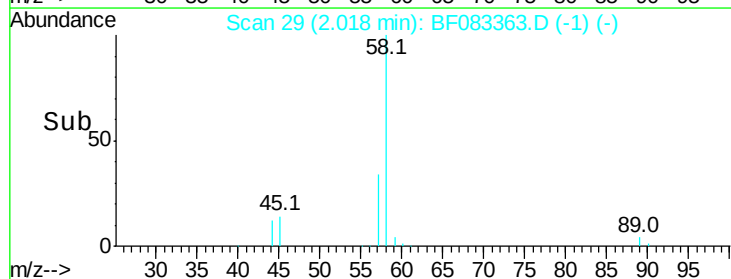
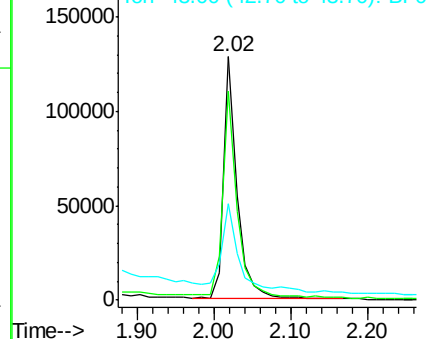
88 100

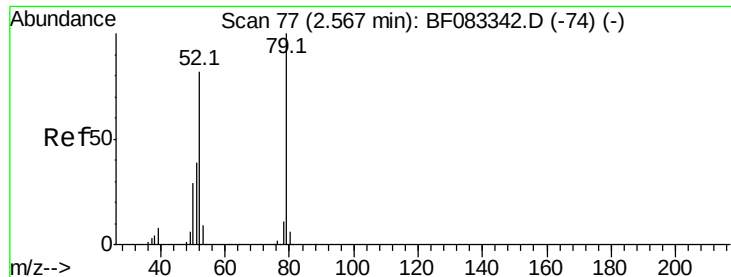
58 88.1 66.6 100.0

43 48.0 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: 31.64 ng

RT: 2.62 min Scan# 82

Delta R.T. 0.06 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

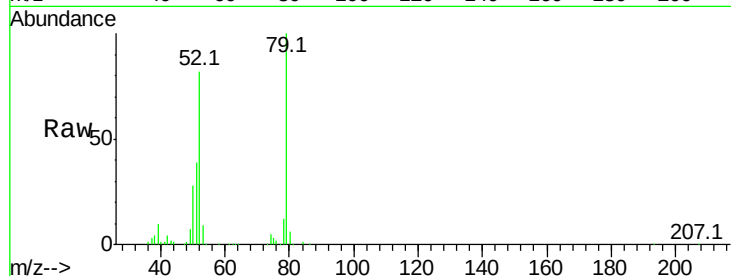
BNA_F

ClientSampleId :

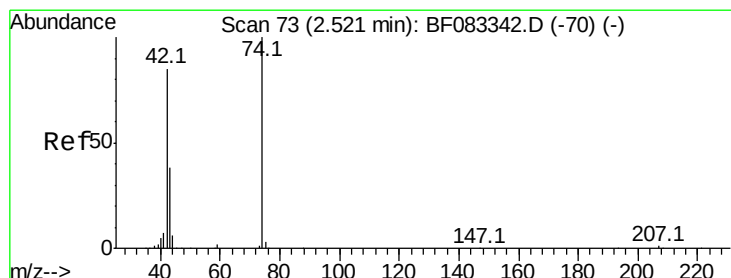
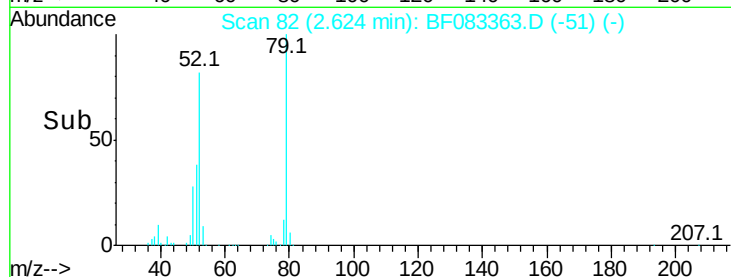
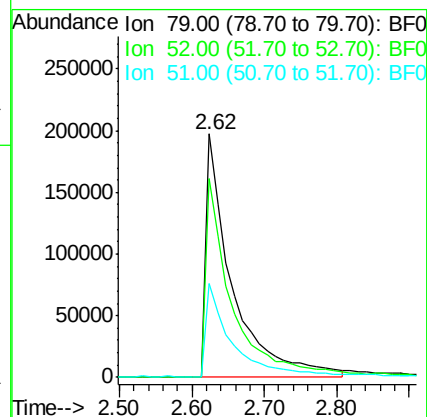
PB86921BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		492825		
52	81.8	65.9	98.9		
51	38.6	32.3	48.5		



#4

n-Nitrosodimethylamine

Concen: 33.31 ng

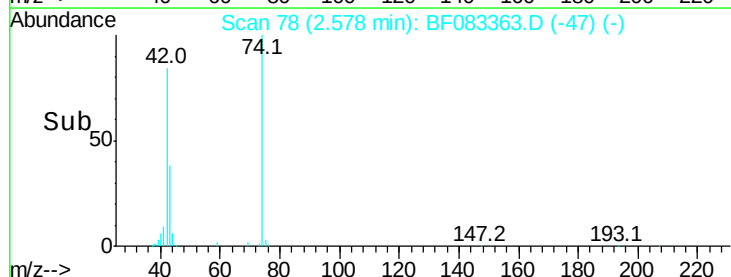
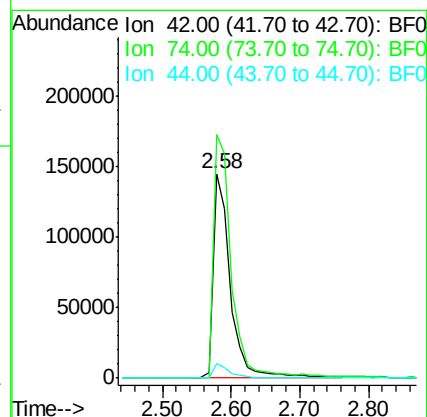
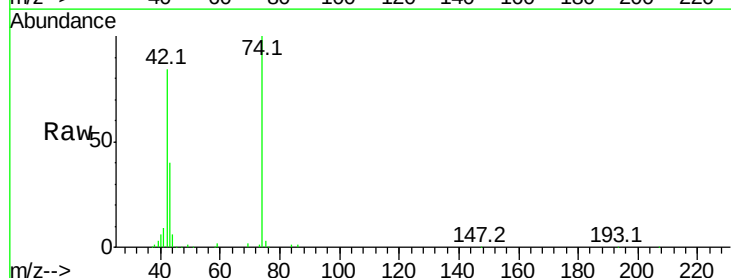
RT: 2.58 min Scan# 78

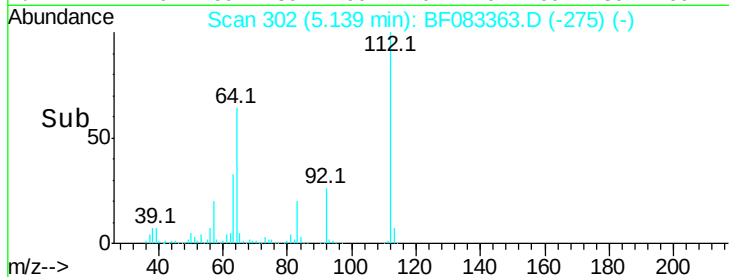
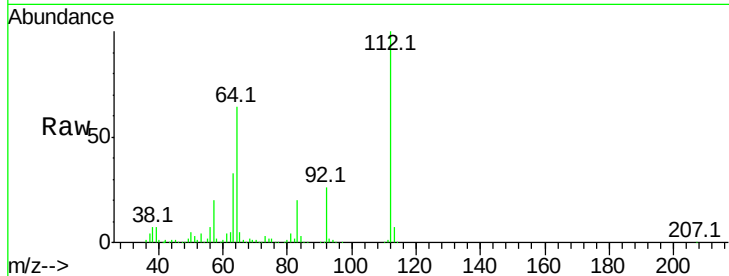
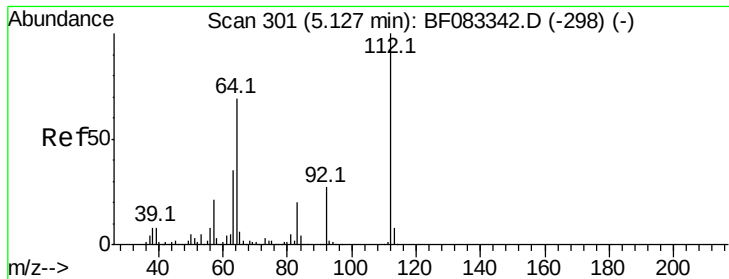
Delta R.T. 0.06 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		255321		
74	119.2	93.7	140.5		
44	7.3	5.6	8.4		





#5

2-Fluorophenol

Concen: 75.67 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tot Ion:	112	Resp:	870082
Ion Ratio	Lower	Upper	
112	100		
64	64.2	55.6	83.4
63	32.8	28.2	42.2

Instrument :

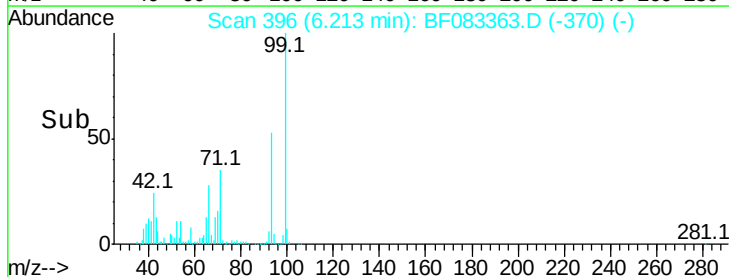
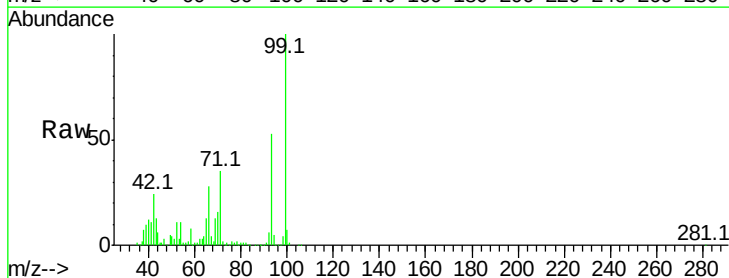
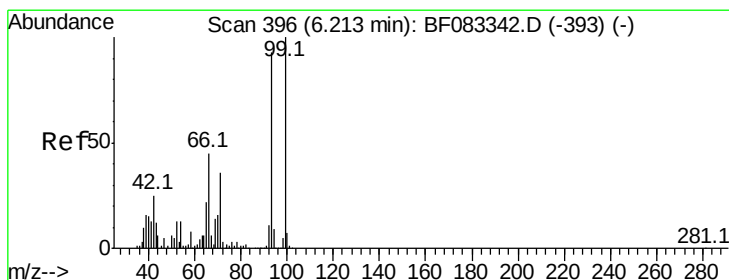
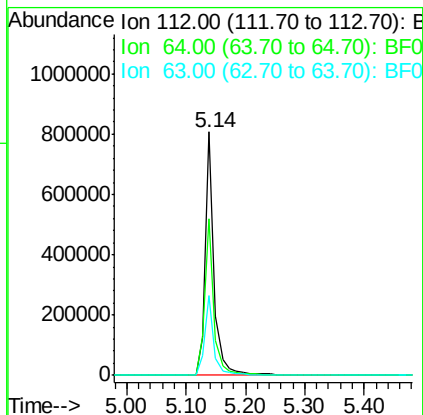
BNA_F

ClientSampleId :

PB86921BS

Manual Integrations
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#6

Aniline

Concen: 22.55 ng

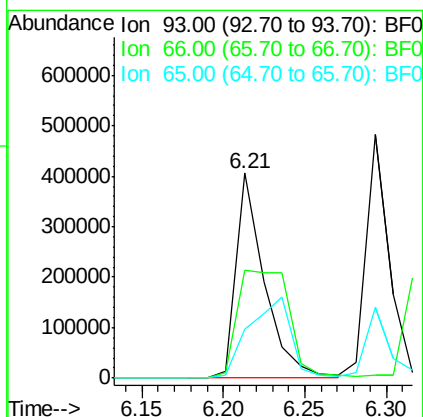
RT: 6.21 min Scan# 396

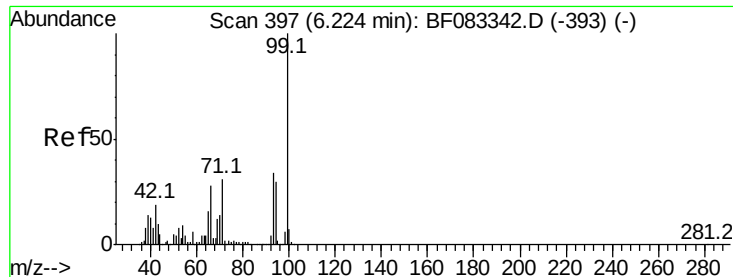
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion:	93	Resp:	485523
Ion Ratio	Lower	Upper	
93	100		
66	52.8	38.7	58.1
65	24.0	19.0	28.6





#7

Phenol-d6

Concen: 73.67 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

ClientSampleId :

PB86921BS

Tot Ion: 99 Resp: 1159400

Ion Ratio Lower Upper

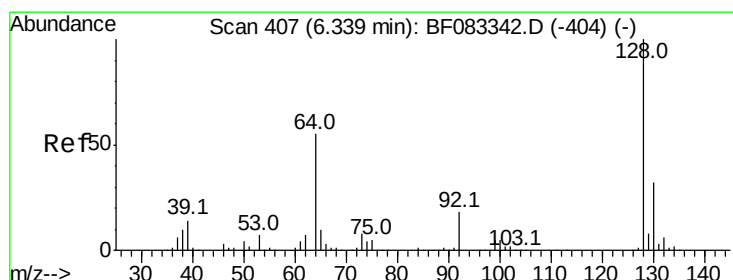
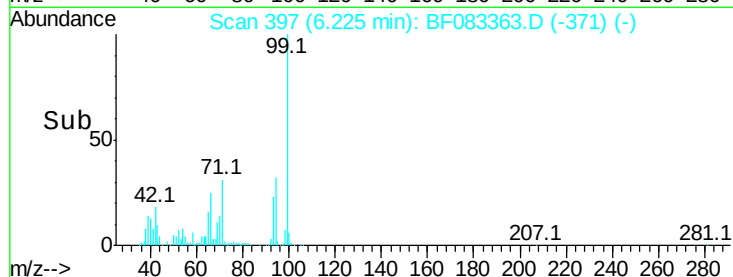
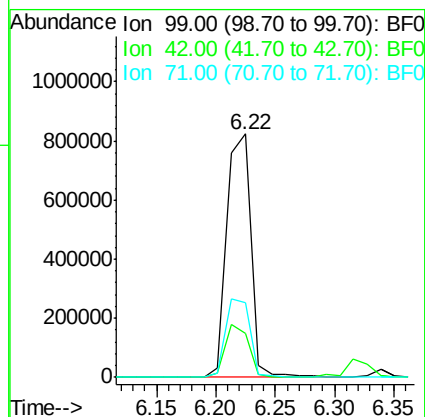
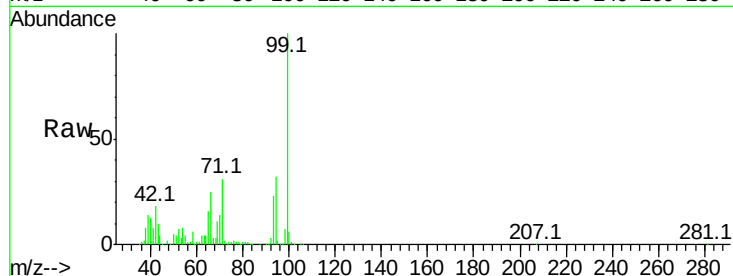
99 100

42 18.3 14.9 22.3

71 30.6 24.7 37.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.49 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

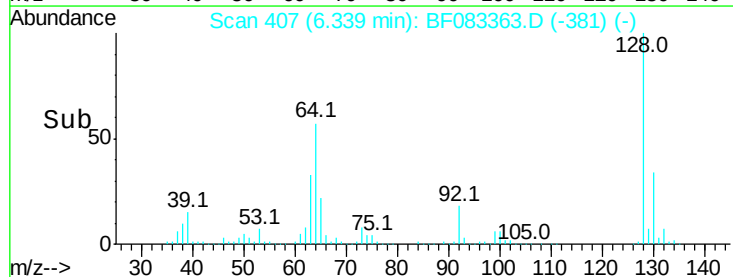
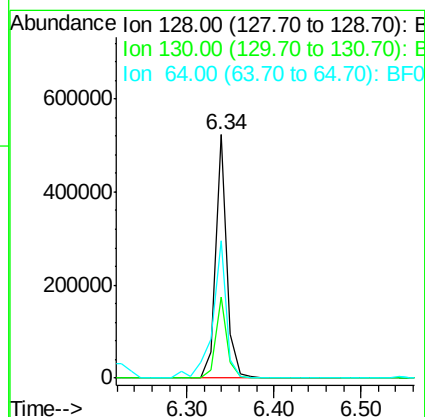
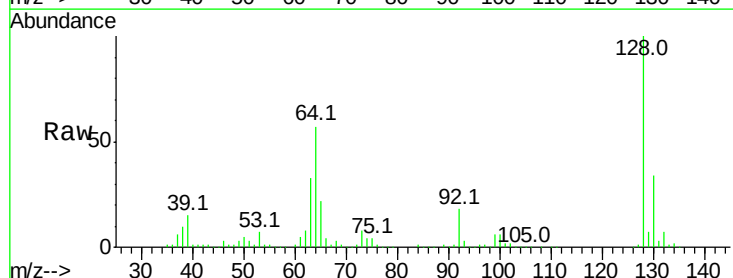
Tgt Ion: 128 Resp: 475578

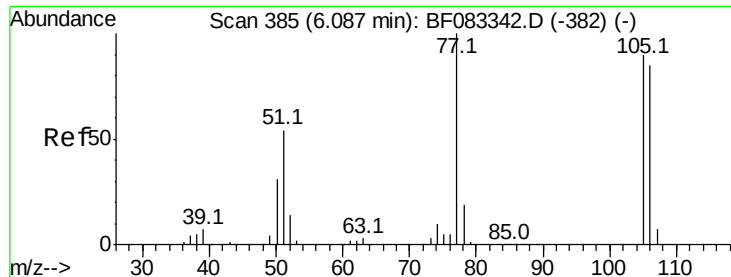
Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

64 56.7 36.4 76.4





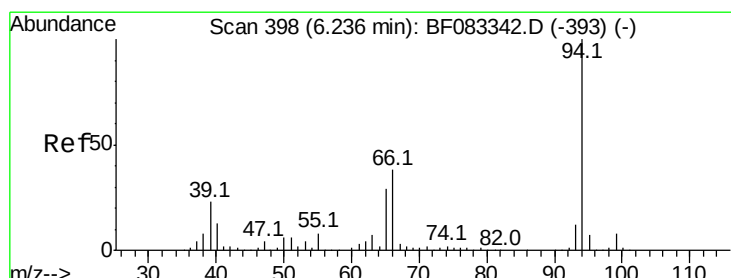
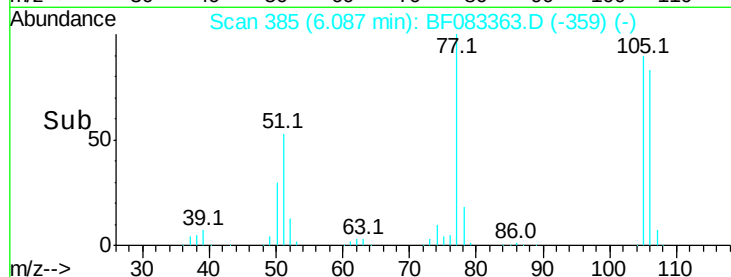
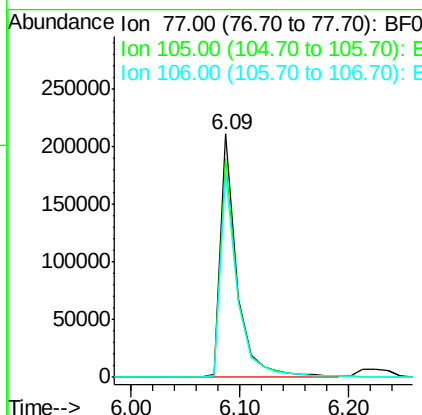
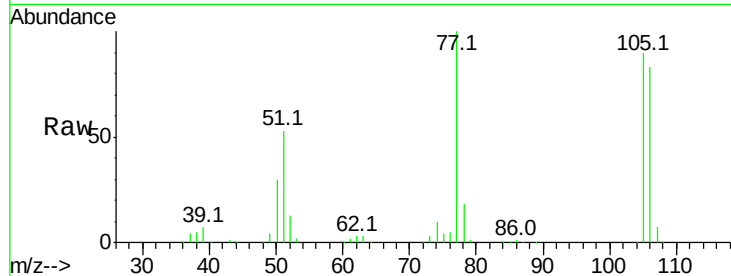
#9
Benzaldehyde
Concen: 27.63 ng
RT: 6.09 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Tot Ion: 77 Resp: 224883
Ion Ratio Lower Upper
77 100
105 90.2 70.0 110.0
106 83.3 65.0 105.0

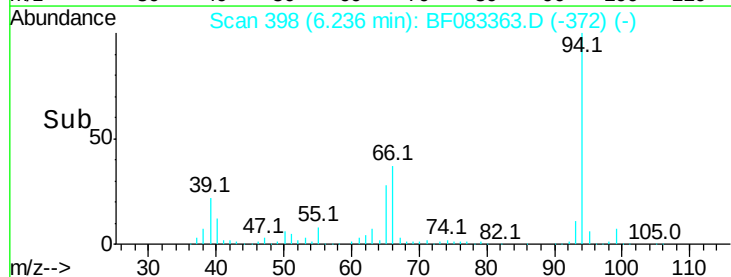
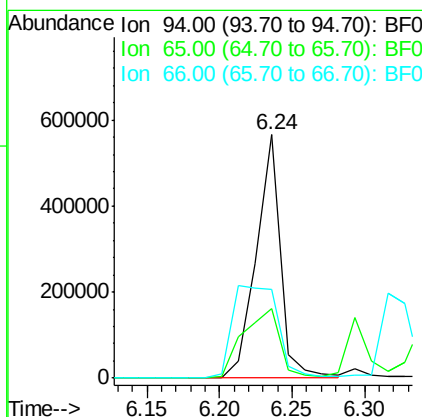
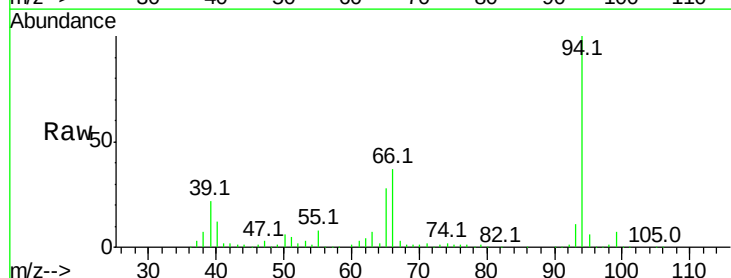
Manual Integrations
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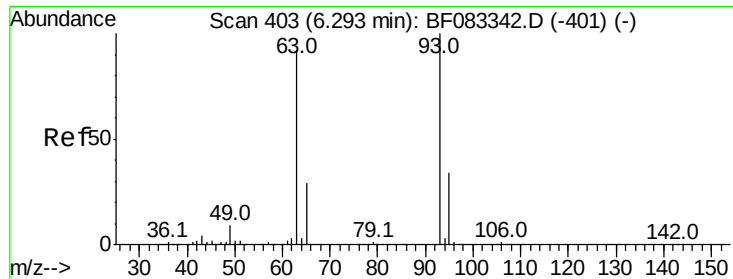
Mmdadoda
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#10
Phenol
Concen: 34.78 ng
RT: 6.24 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion: 94 Resp: 658682
Ion Ratio Lower Upper
94 100
65 28.4 9.5 49.5
66 36.7 17.9 57.9





#11

bis(2-Chloroethyl)ether

Concen: 35.86 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

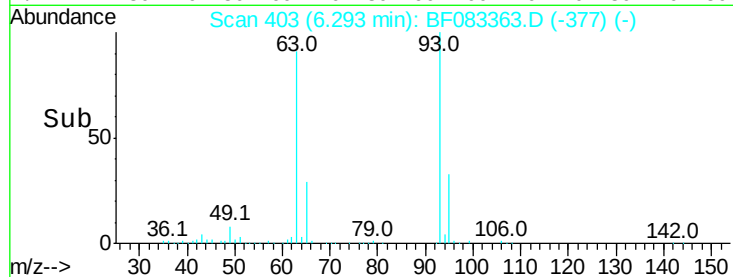
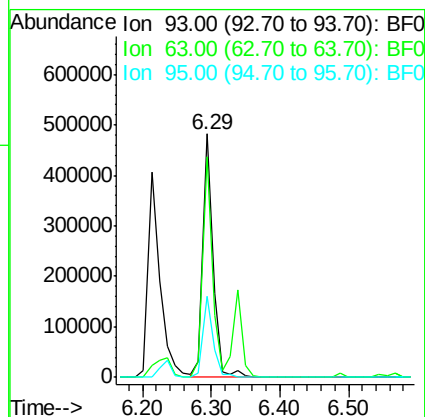
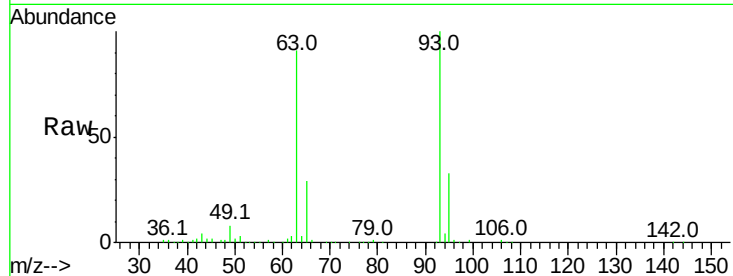
ClientSampleId :

PB86921BS

Tot Ion:	93	Resp:	493993
Ion Ratio	Lower	Upper	
93	100		
63	90.6	71.4	111.4
95	33.2	13.4	53.4

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 35.77 ng

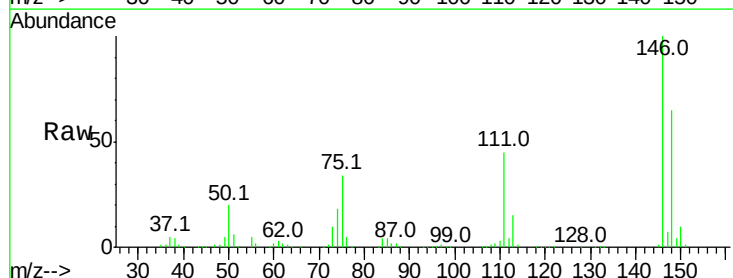
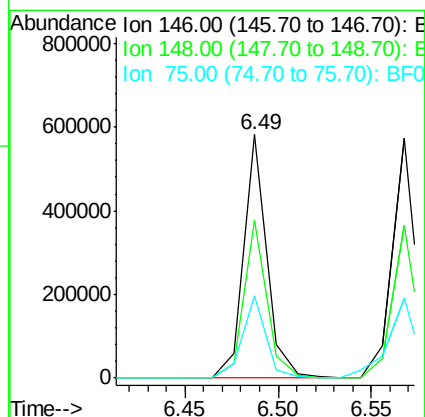
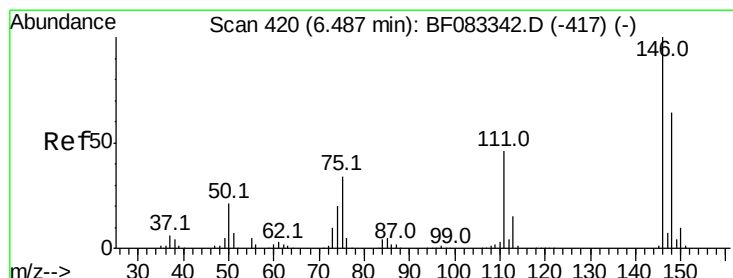
RT: 6.49 min Scan# 420

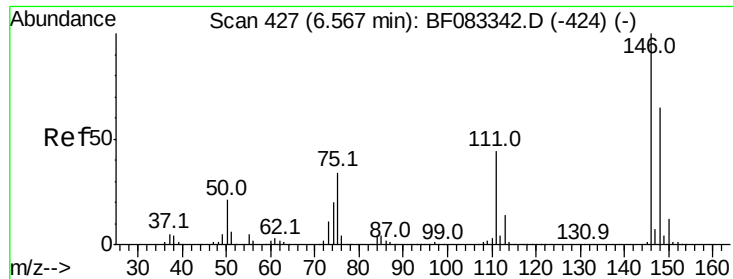
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion:	146	Resp:	504384
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.1	76.7
75	33.7	27.5	41.3





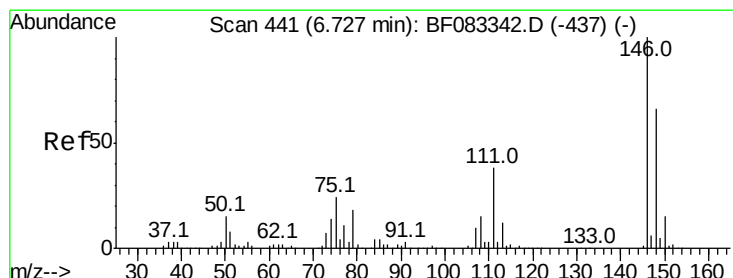
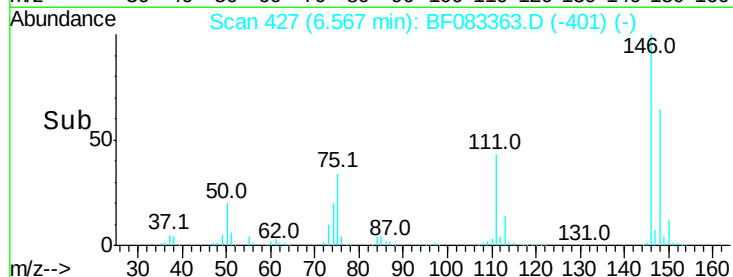
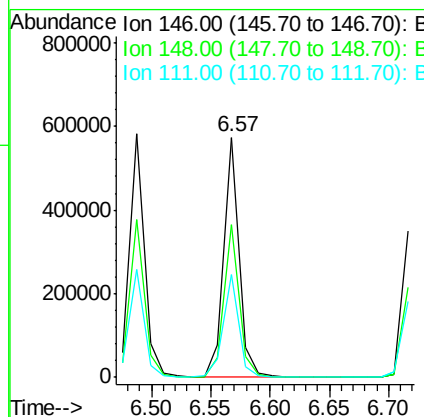
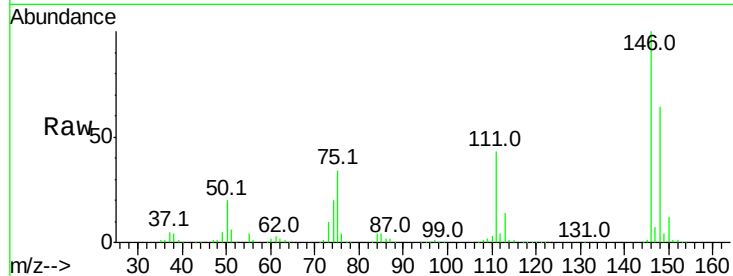
#13
 1,4-Dichlorobenzene
 Concen: 34.83 ng
 RT: 6.57 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	507514		
148	63.9		52.1	78.1
111	42.7		35.4	53.0

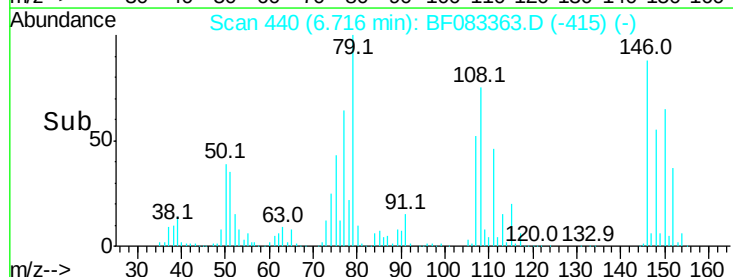
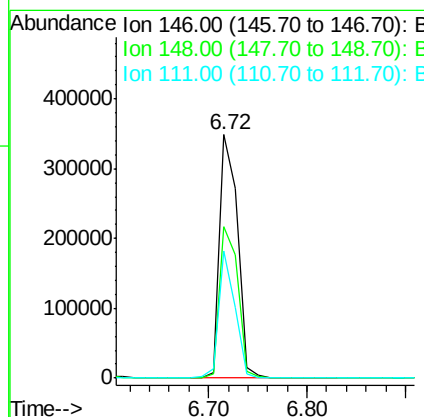
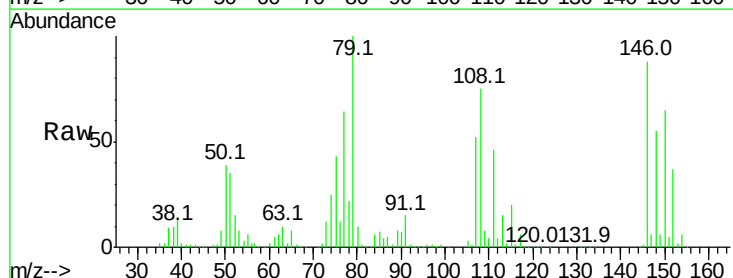
Manual Integrations
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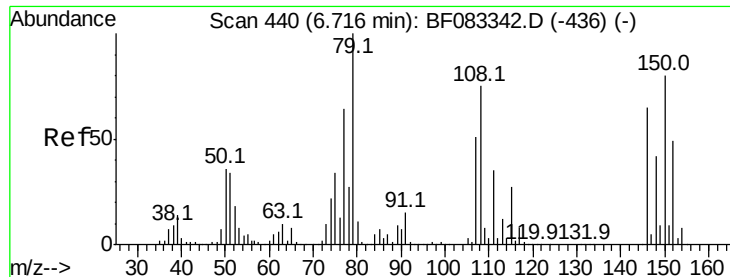
Mmdadoda
 12/1/2015 6:35:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.42 ng m
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	446800		
148	62.0		52.5	78.7
111	52.3		30.6	46.0#





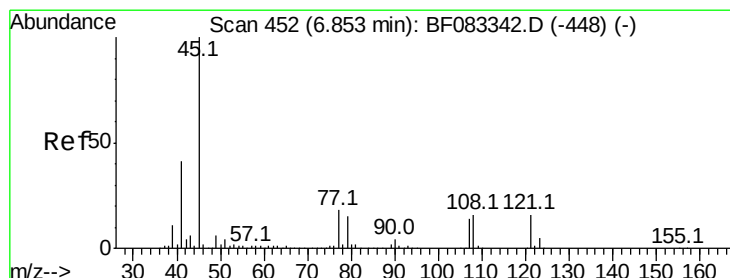
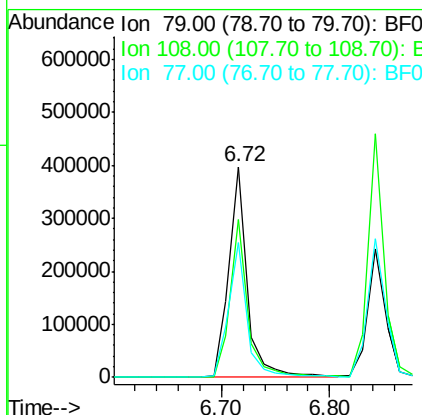
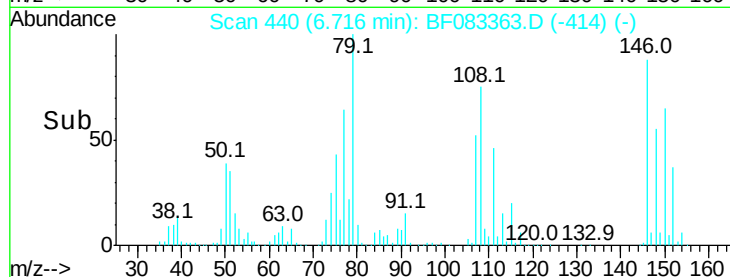
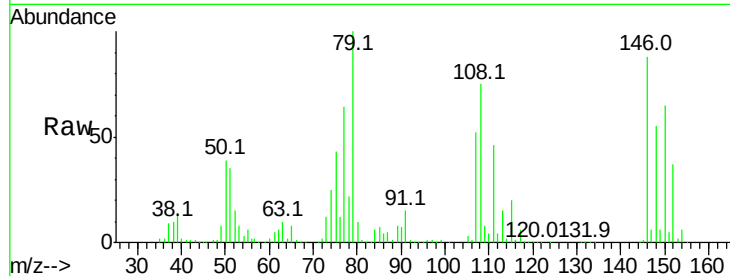
#15
Benzyl Alcohol
Concen: 38.70 ng
RT: 6.72 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	470720		
108	74.9	59.9	89.9	
77	64.2	51.0	76.6	

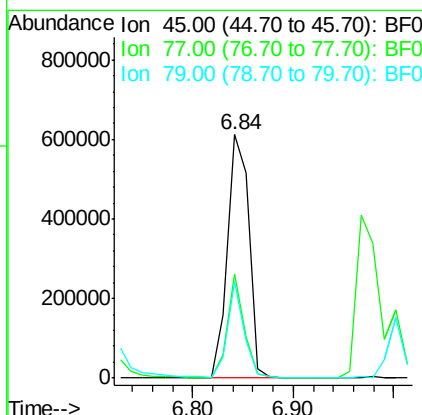
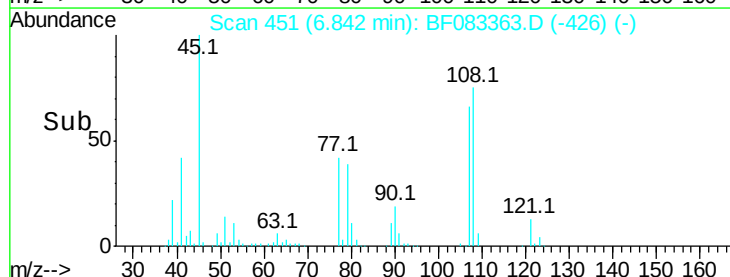
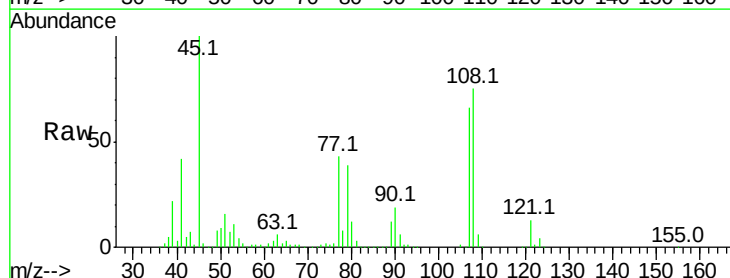
Manual Integrations
APPROVED

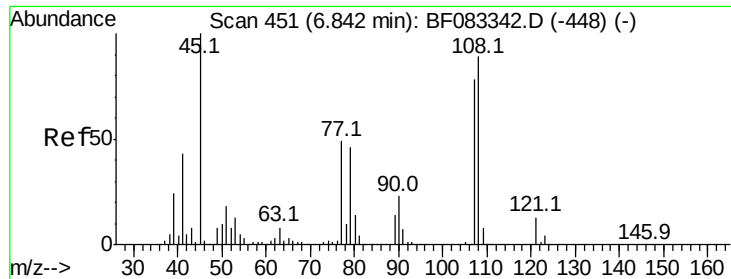
Mmdadoda
12/1/2015 6:35:14 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.49 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	906080		
77	42.6	0.0	38.3#	
79	39.5	0.0	35.4#	





#17

2-Methylphenol

Concen: 38.76 ng

RT: 6.84 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

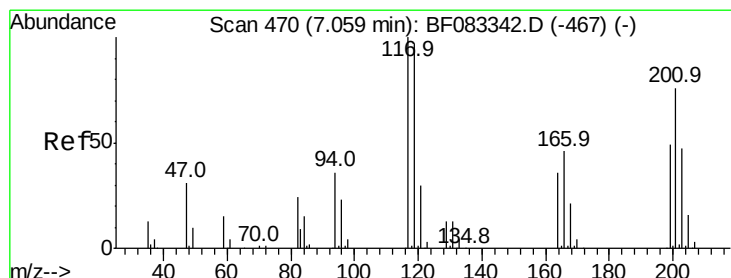
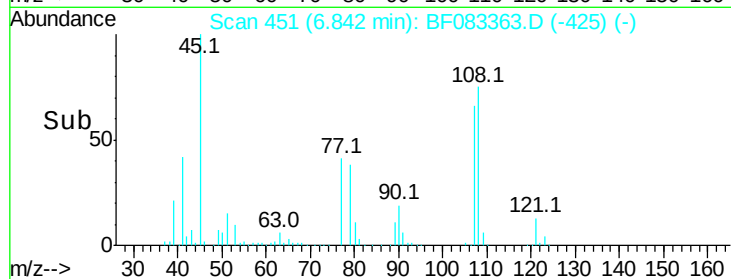
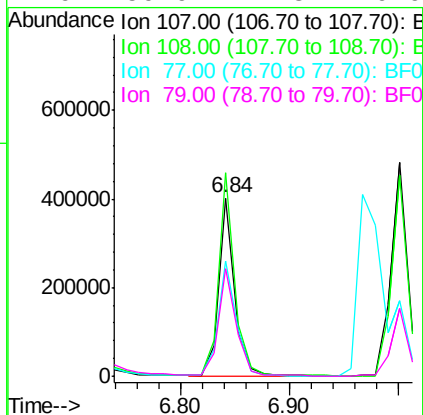
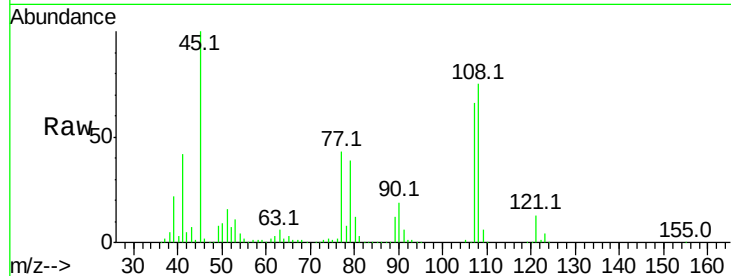
ClientSampleId :

PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	409759		
108	114.0	91.6	137.4	
77	64.7	49.9	74.9	
79	59.9	47.3	70.9	

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:14 PM



#18

Hexachloroethane

Concen: 34.60 ng

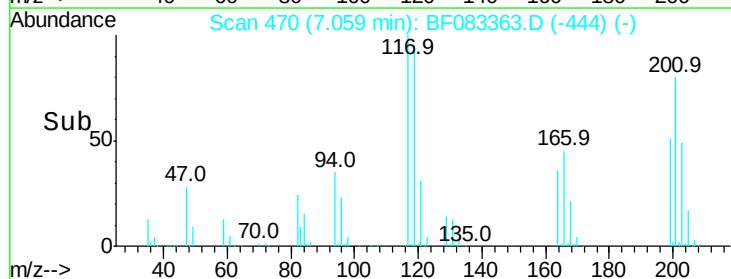
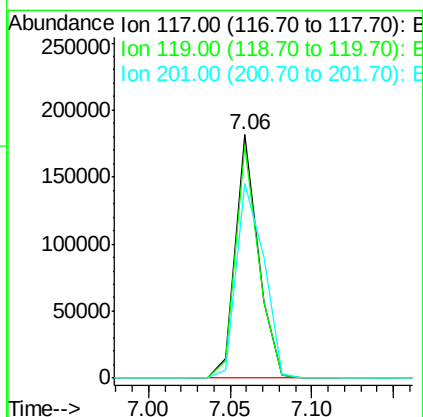
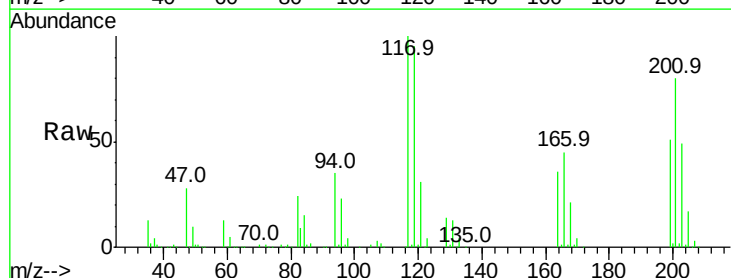
RT: 7.06 min Scan# 470

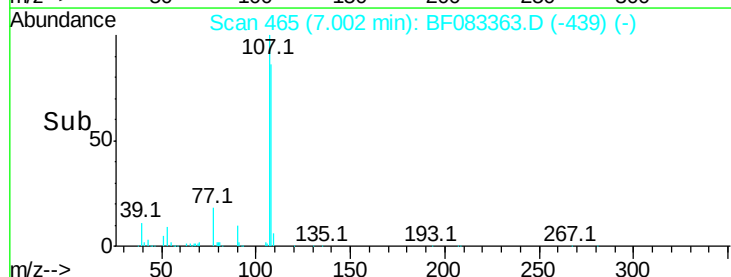
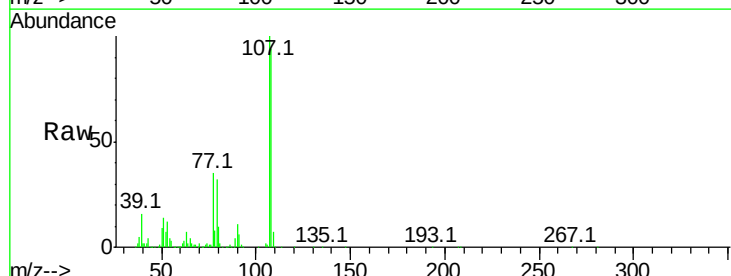
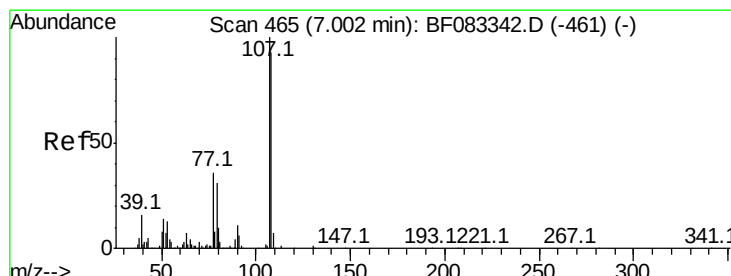
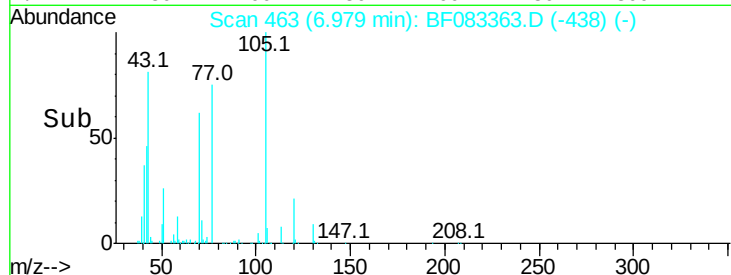
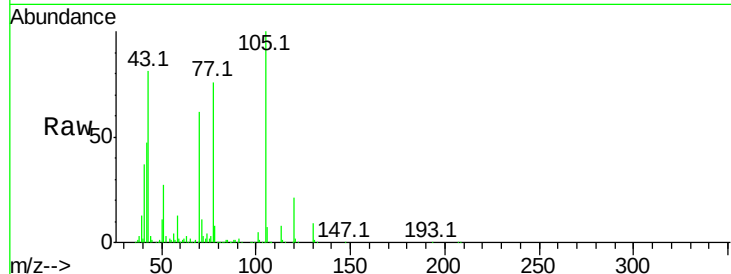
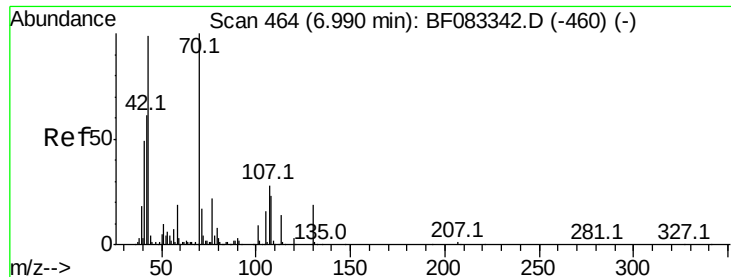
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	175138		
119	95.1	77.3	115.9	
201	80.3	60.6	90.8	





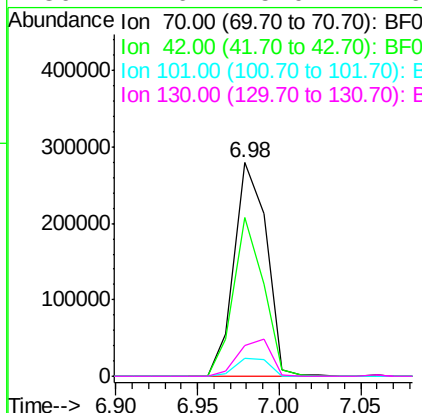
#19
n-Nitroso-di-n-propylamine
Concen: 34.11 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.5	48.8	73.2#	
101	8.1	7.1	10.7	
130	14.6	15.0	22.6#	

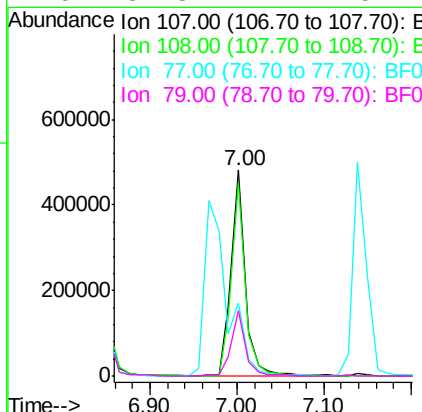
Manual Integrations
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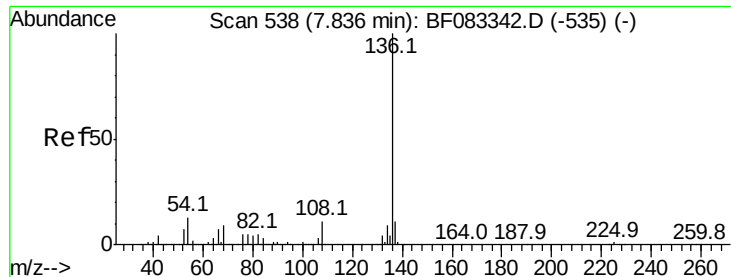
Mmdadoda
12/1/2015 6:35:14 PM



#20
3+4-Methylphenols
Concen: 38.07 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.8	73.0	113.0	
77	35.4	16.8	56.8	
79	31.8	11.4	51.4	





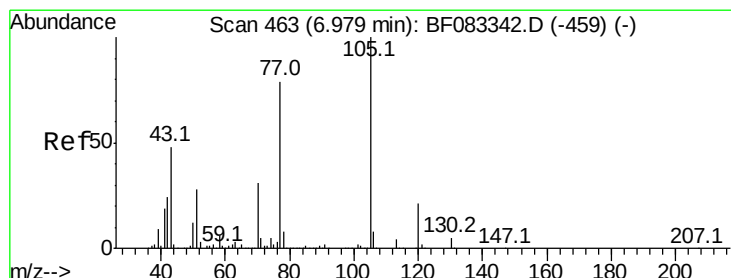
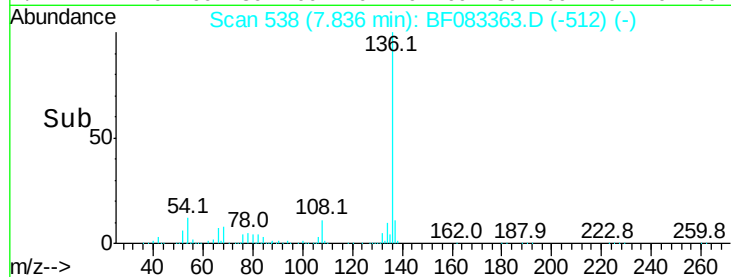
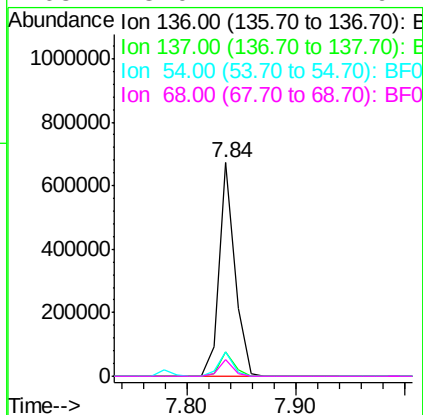
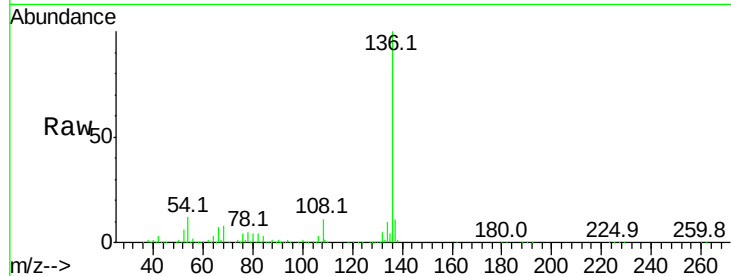
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampled :
PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	681382		
137	11.2	9.0	13.4	
54	11.6	10.1	15.1	
68	8.0	7.1	10.7	

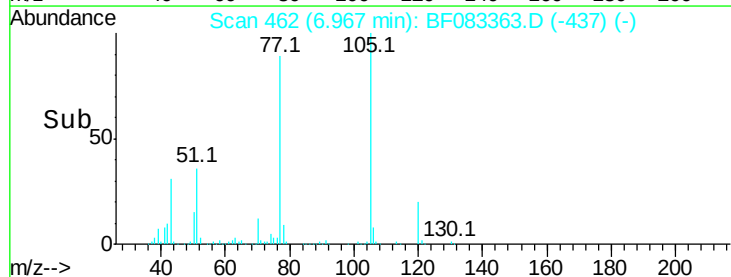
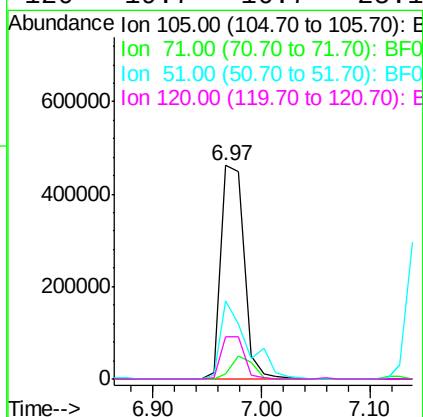
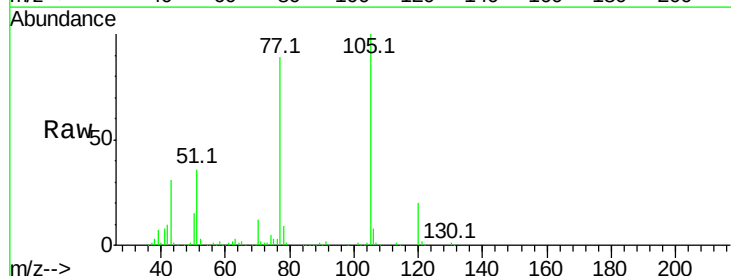
Manual Integrations
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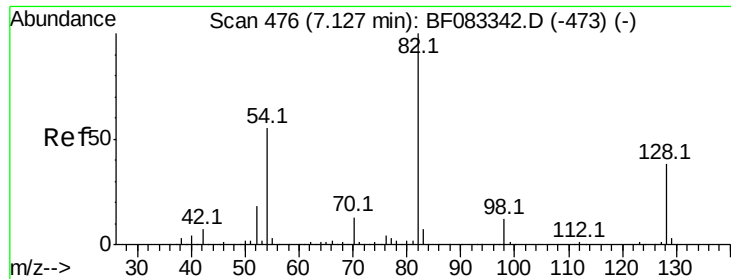
Mmdadoda
12/1/2015 6:35:14 PM



#22
Acetophenone
Concen: 33.61 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	685287		
71	2.2	4.3	6.5#	
51	36.3	22.9	34.3#	
120	19.7	16.7	25.1	





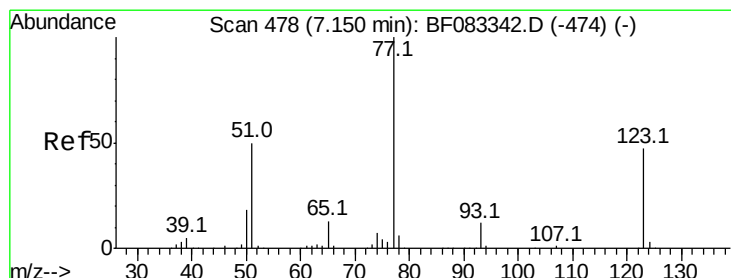
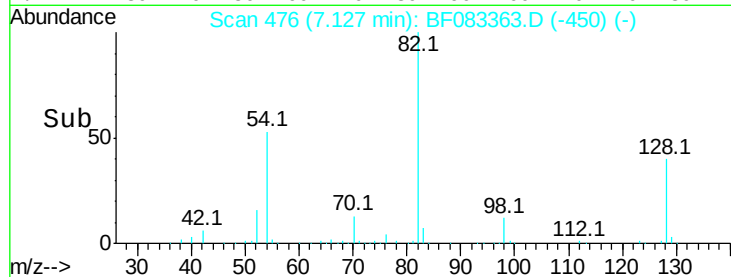
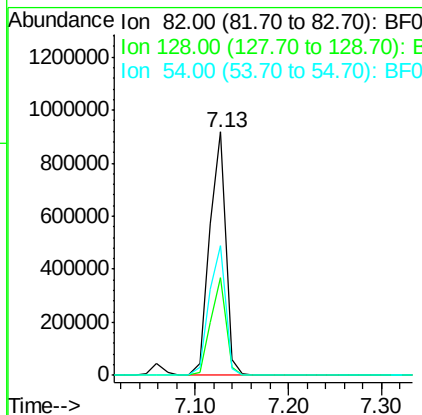
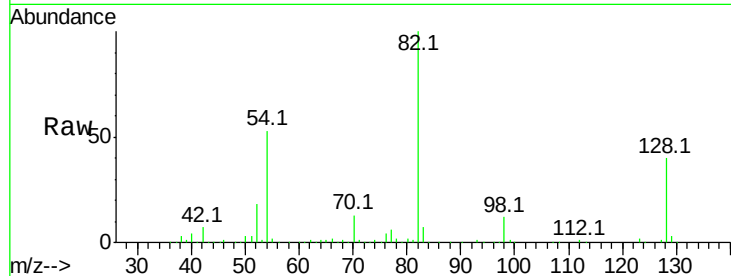
#23
 Nitrobenzene-d5
 Concen: 70.93 ng
 RT: 7.13 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.6	46.0
54	53.2	43.8	65.6

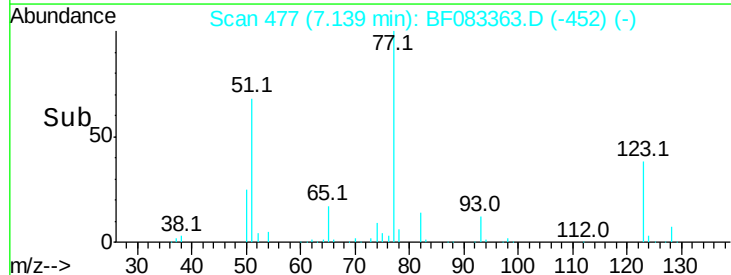
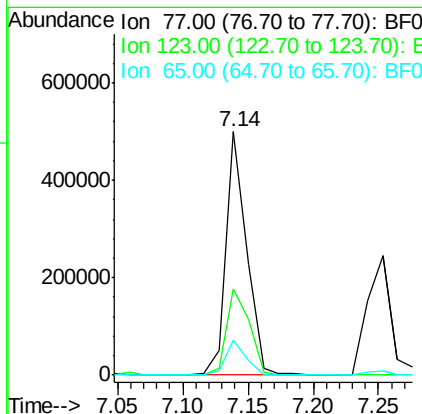
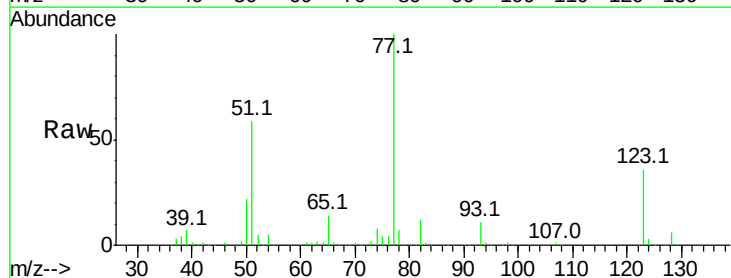
Manual Integrations
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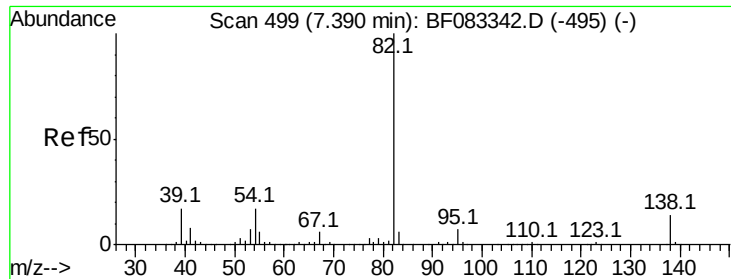
Mmdadoda
 12/1/2015 6:35:14 PM



#24
 Nitrobenzene
 Concen: 33.00 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.5	37.4	56.0#
65	14.4	10.6	15.8





#25

Isophorone

Concen: 34.88 ng

RT: 7.39 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

ClientSampleId :

PB86921BS

Tot Ion: 82 Resp: 1047263

Ion Ratio Lower Upper

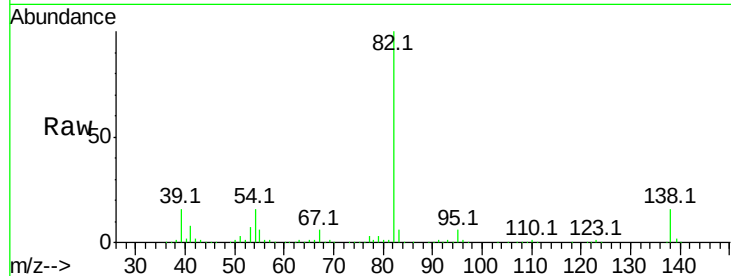
82 100

95 6.5 5.3 7.9

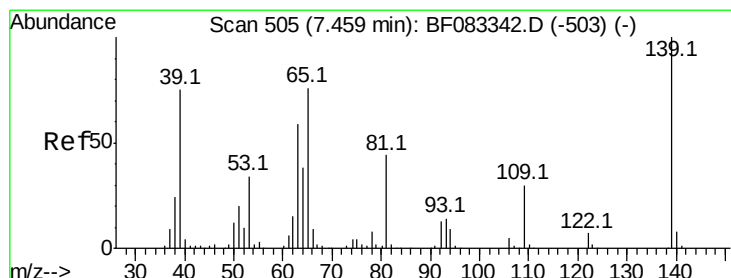
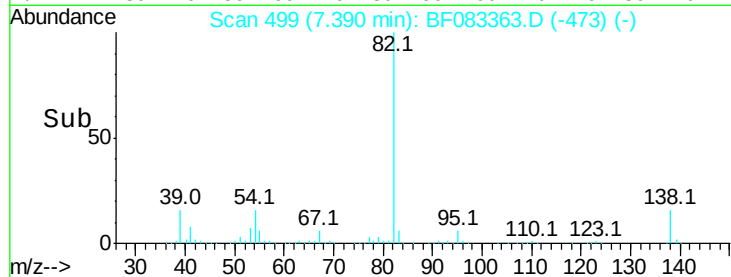
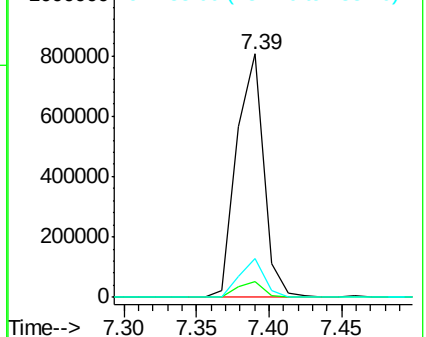
138 15.9 11.6 17.4

Manual Integrations
APPROVED

Mmdadoda
12/1/2015 6:35:14 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.14 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

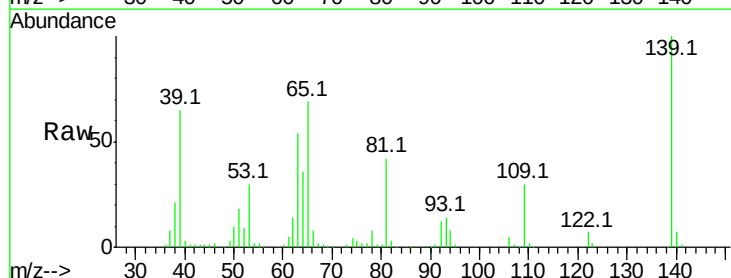
Tgt Ion: 139 Resp: 237445

Ion Ratio Lower Upper

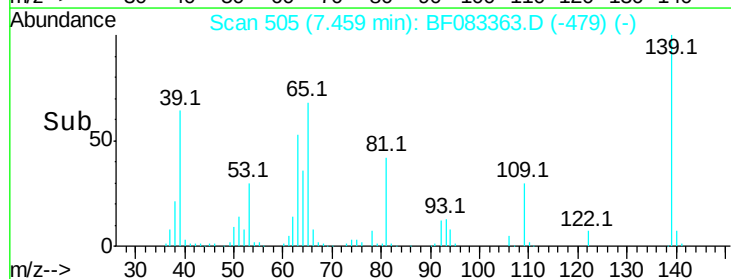
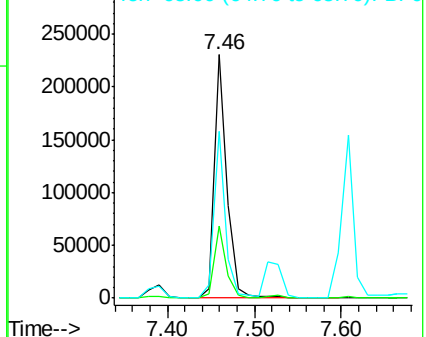
139 100

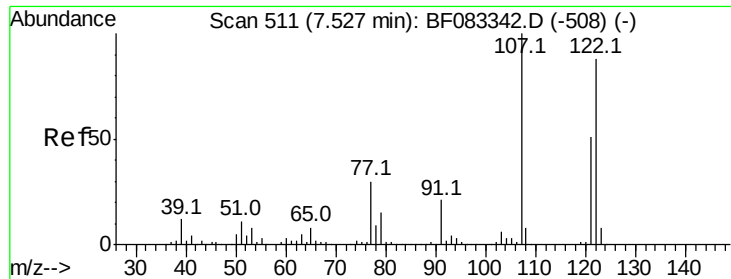
109 29.7 24.2 36.4

65 68.8 61.0 91.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.05 ng

RT: 7.53 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

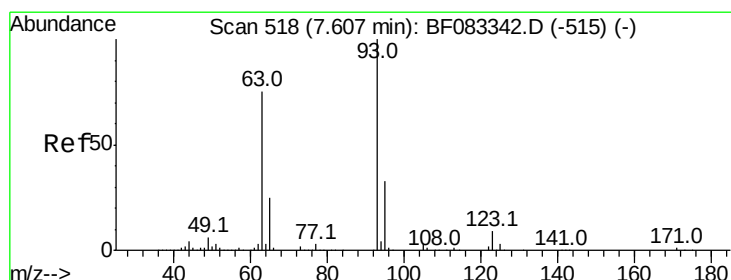
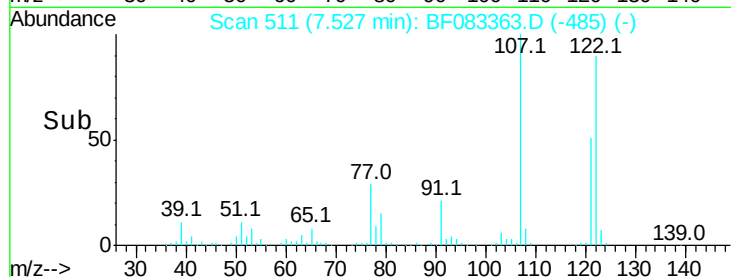
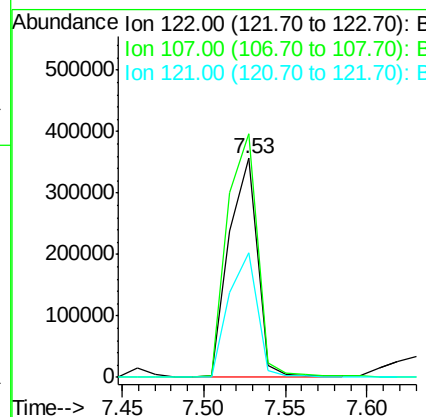
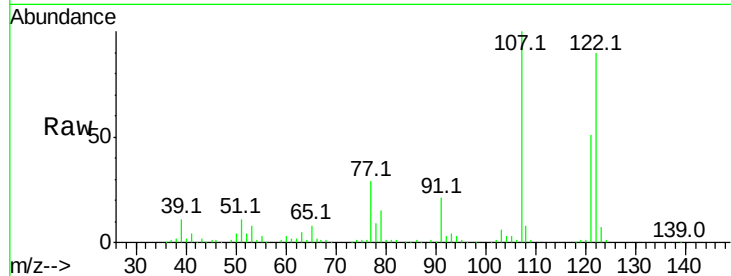
ClientSampleId :

PB86921BS

Tot Ion:	122	Resp:	430943
Ion Ratio	Lower	Upper	
122	100		
107	111.3	91.2	136.8
121	57.2	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 36.87 ng

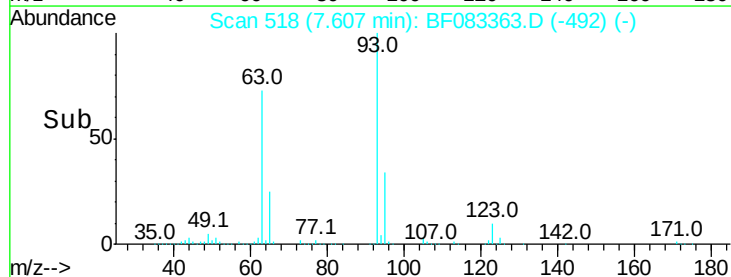
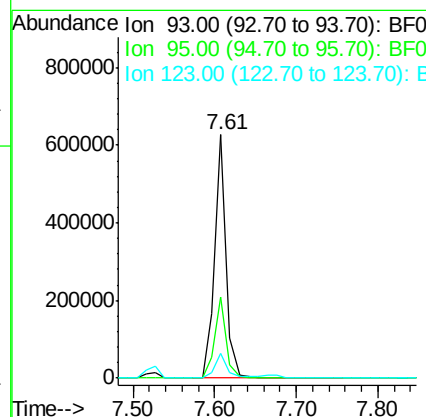
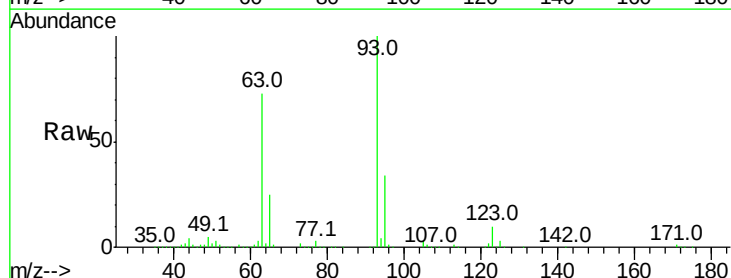
RT: 7.61 min Scan# 518

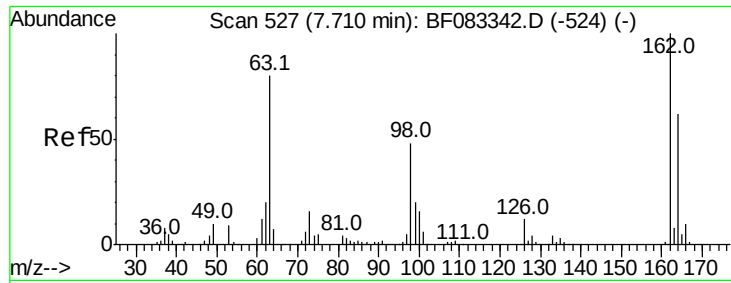
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion:	93	Resp:	630409
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.1	39.1
123	9.9	7.4	11.0





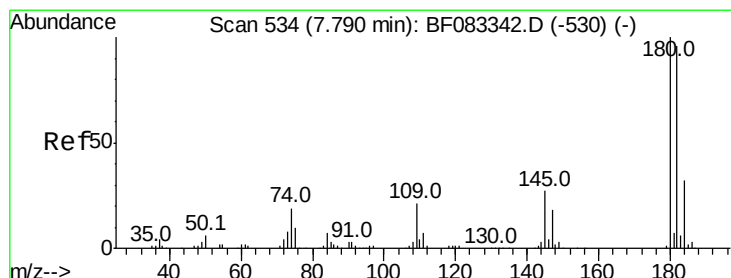
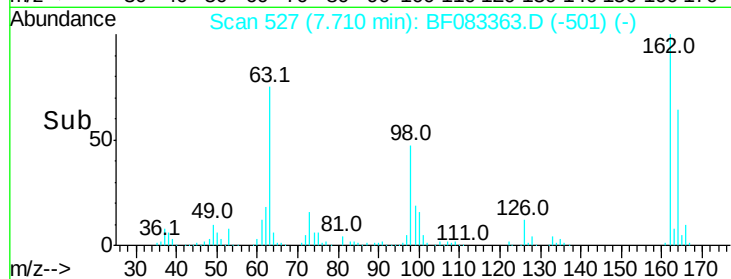
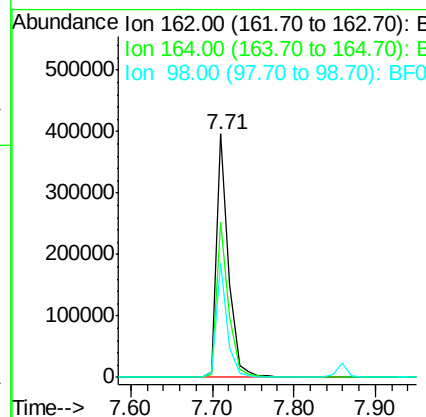
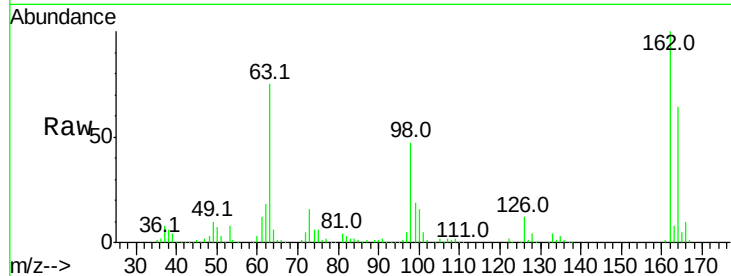
#29
 2,4-Dichlorophenol
 Concen: 37.34 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion:	162	Resp:	406746
Ion Ratio	Lower	Upper	
162	100		
164	64.0	41.9	81.9
98	46.8	28.1	68.1

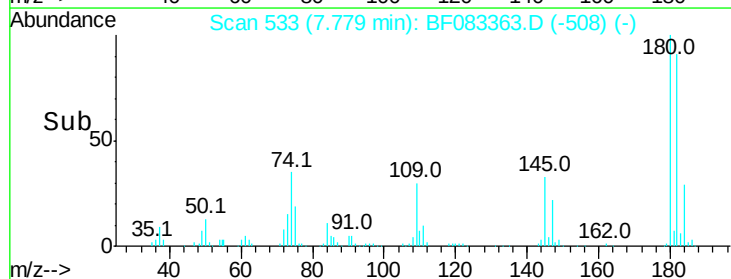
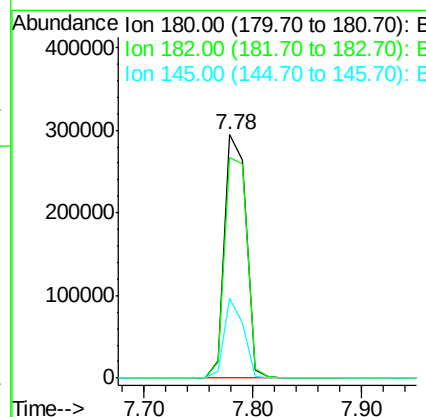
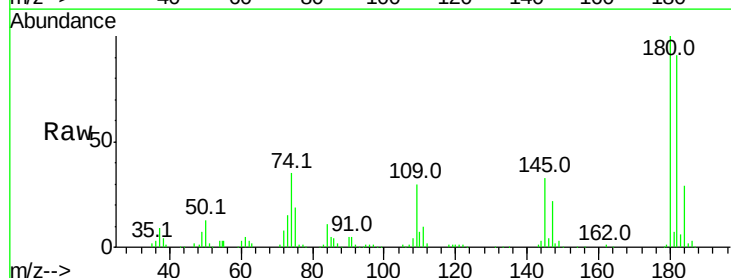
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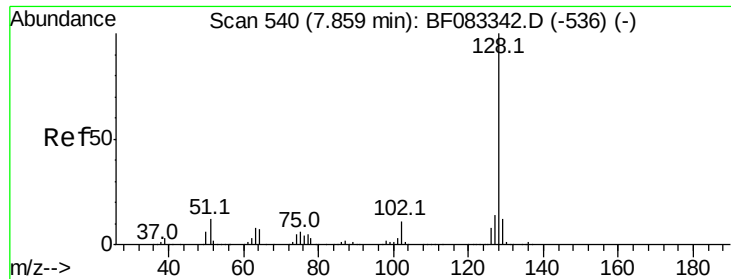
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.35 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion:	180	Resp:	407315
Ion Ratio	Lower	Upper	
180	100		
182	90.6	77.2	115.8
145	32.6	21.4	32.2#





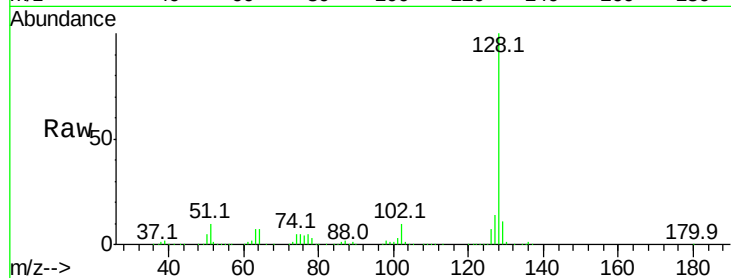
#31
Naphthalene
Concen: 35.70 ng
RT: 7.86 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

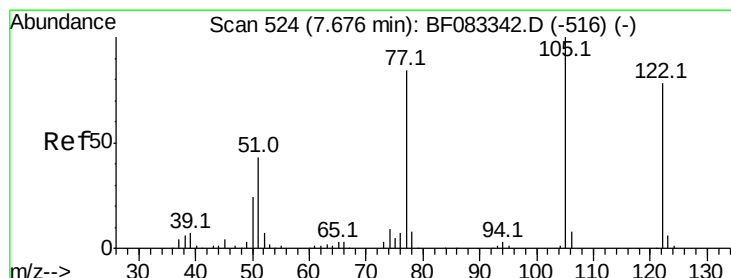
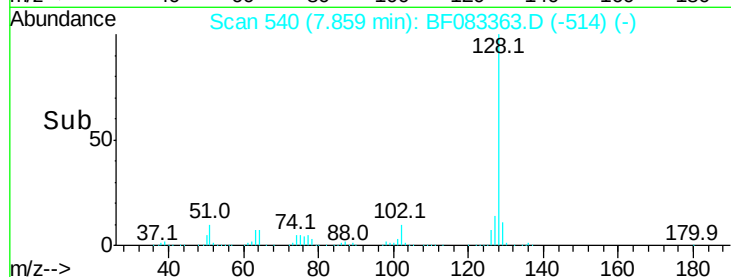
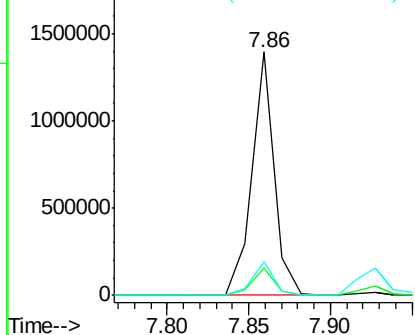
Tot Ion:128 Resp: 1320017
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.6 11.0 16.4

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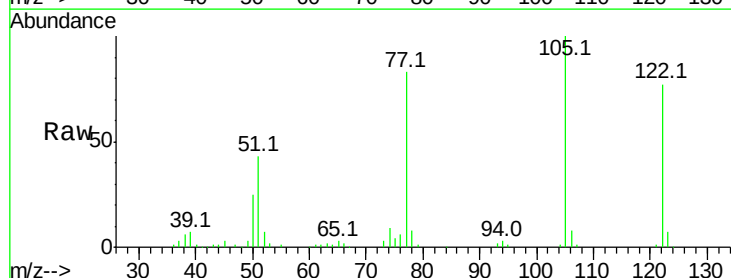


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

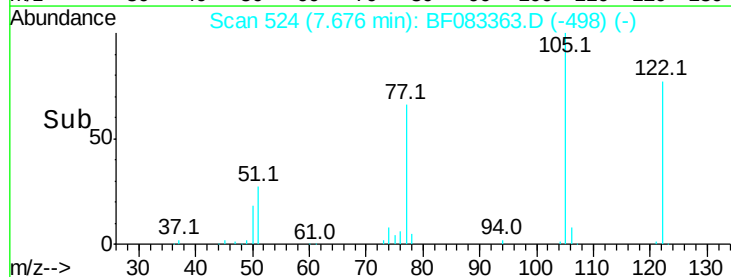
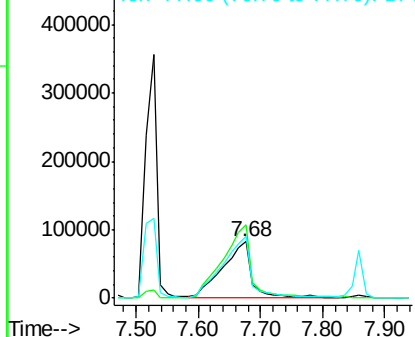


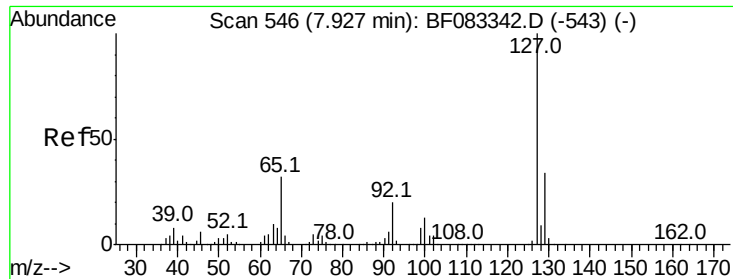
#32
Benzoic acid
Concen: 33.86 ng
RT: 7.68 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion:122 Resp: 264542
Ion Ratio Lower Upper
122 100
105 130.6 106.0 146.0
77 108.5 86.3 126.3



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





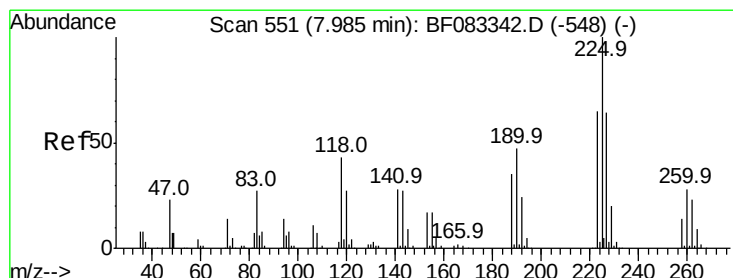
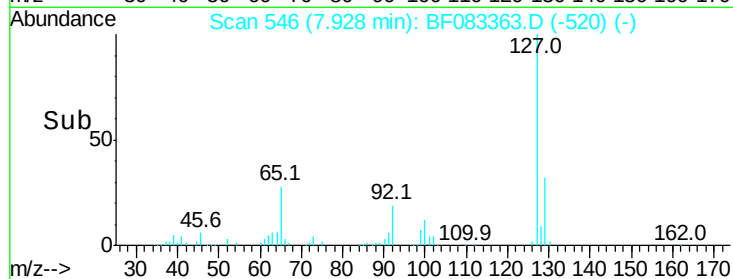
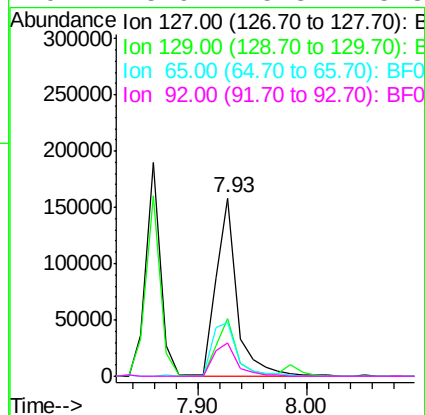
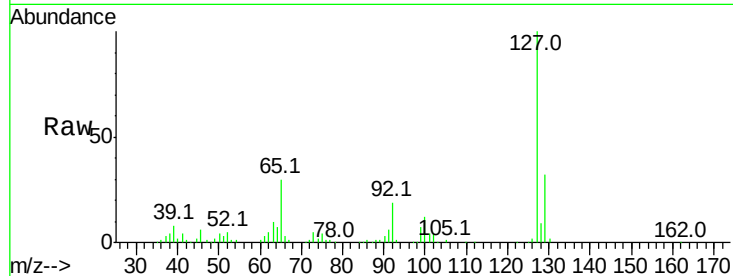
#33
4-Chloroaniline
Concen: 13.30 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.4	27.0	40.4
65	30.1	25.9	38.9
92	18.9	15.8	23.8

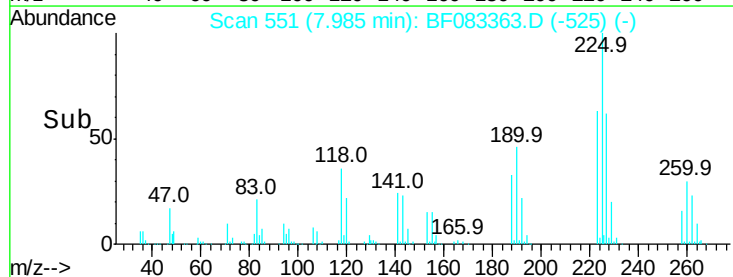
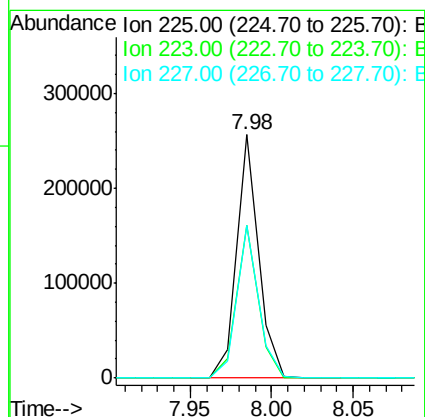
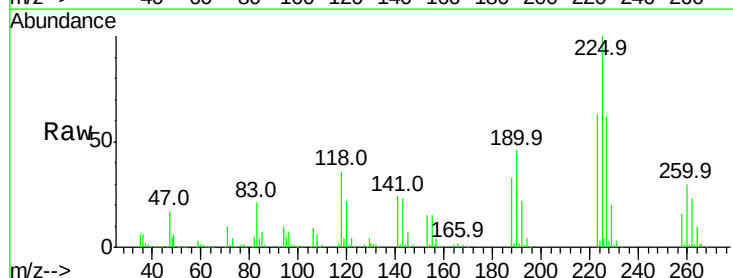
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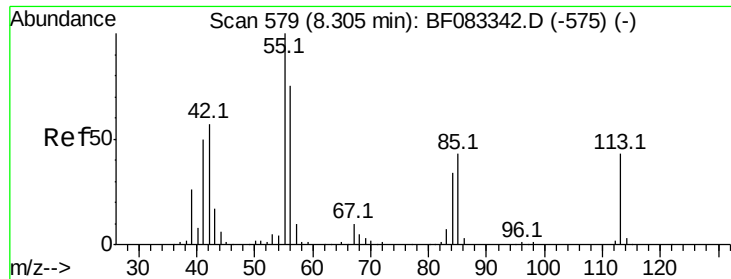
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#34
Hexachlorobutadiene
Concen: 35.04 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.8	52.0	78.0
227	62.5	51.1	76.7





#35

Caprolactam

Concen: 40.32 ng/ml

RT: 8.30 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

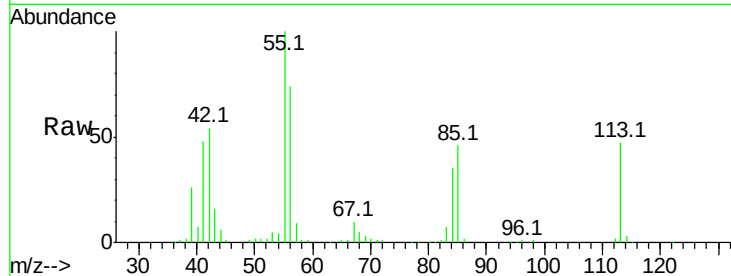
ClientSampleId :

PB86921BS

Tot Ion:	113	Resp:	138795
Ion Ratio	Lower	Upper	
113	100		
55	212.1	211.6	251.6
56	157.5	153.0	193.0

Manual Integrations
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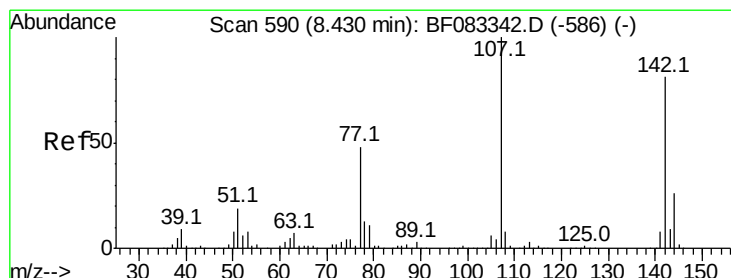
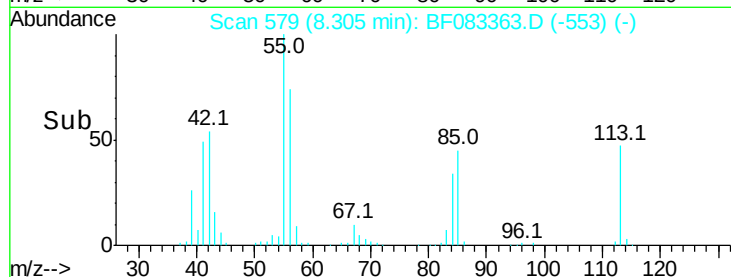
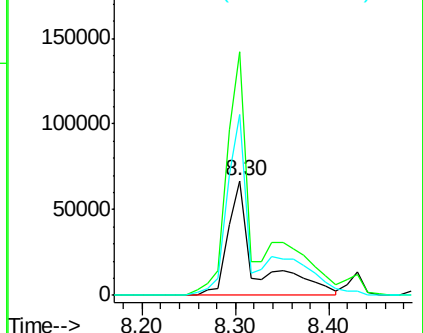
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.49 ng/ml

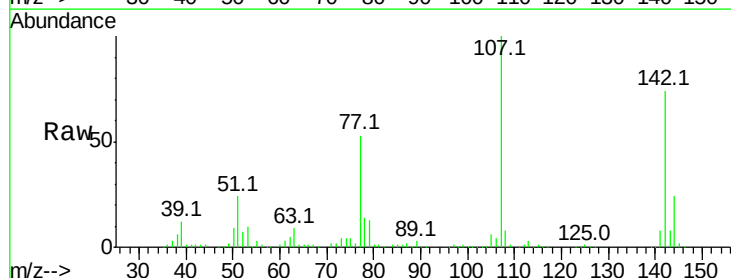
RT: 8.43 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

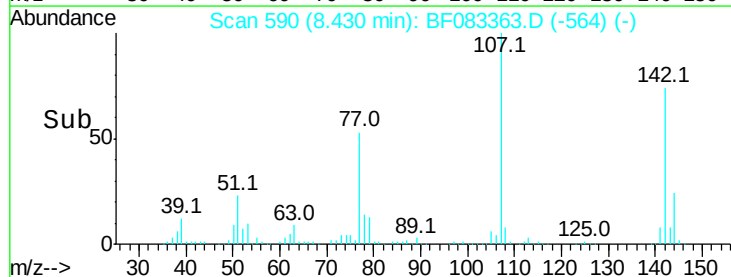
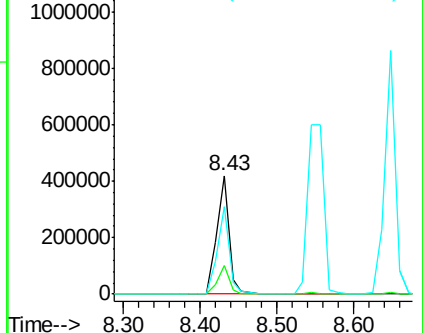
Tgt Ion:	107	Resp:	470338
Ion Ratio	Lower	Upper	
107	100		
144	23.6	21.1	31.7
142	74.1	65.1	97.7

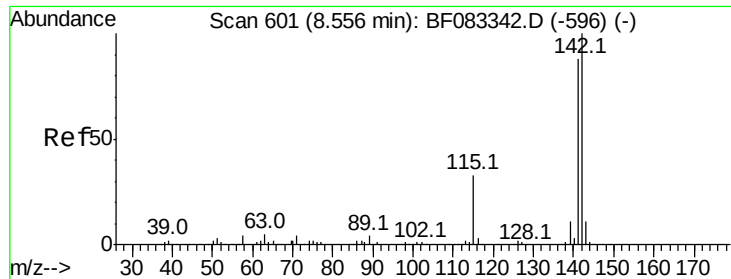


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





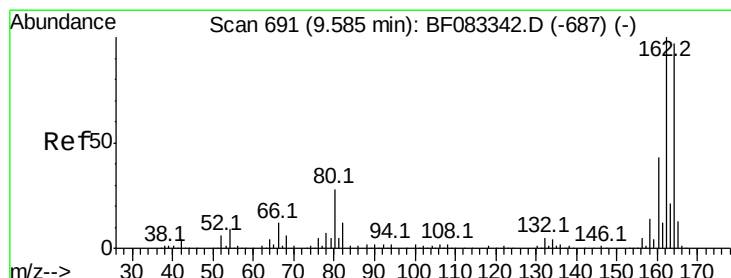
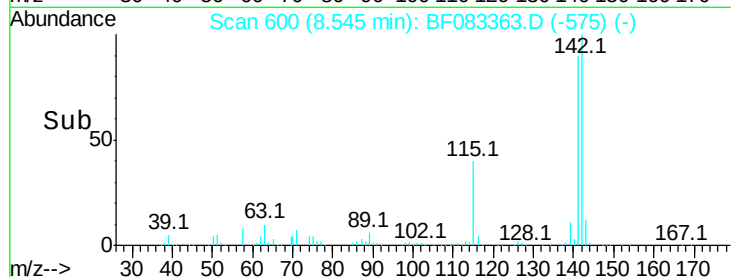
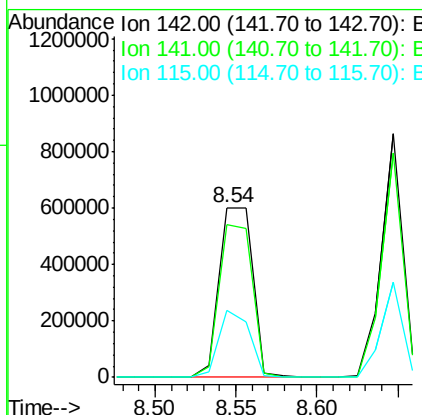
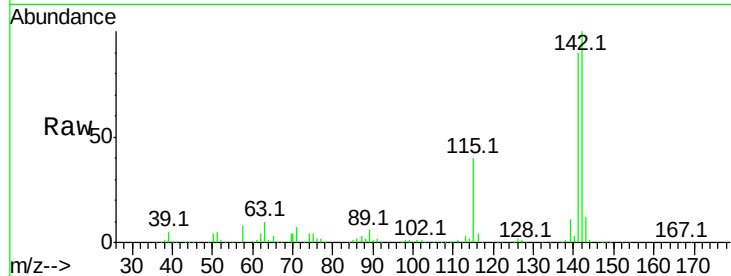
#37
 2-Methylnaphthalene
 Concen: 35.24 ng/ml
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.6	105.8
115	39.6	26.2	39.2

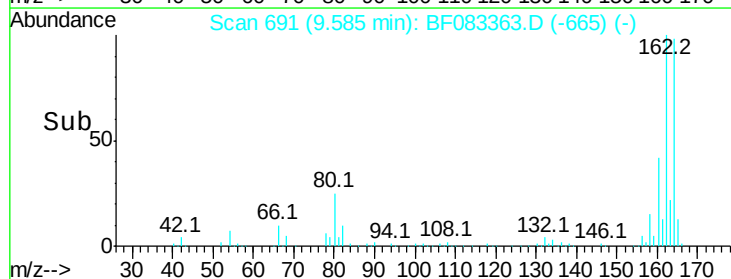
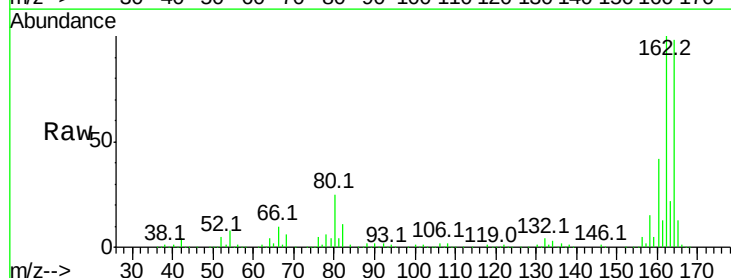
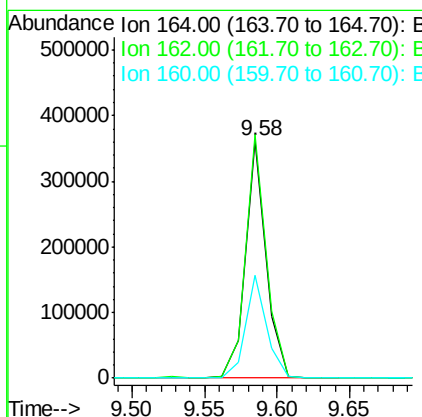
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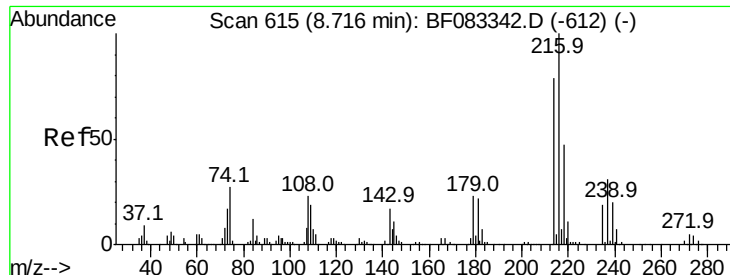
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	43.3	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.70 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

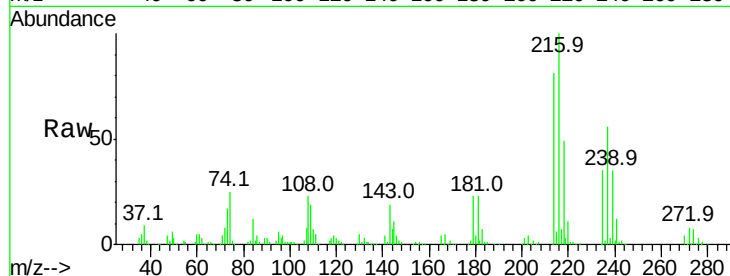
ClientSampleId :

PB86921BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	62.3	93.5
179	21.0	17.0	25.4
108	22.6	16.7	25.1

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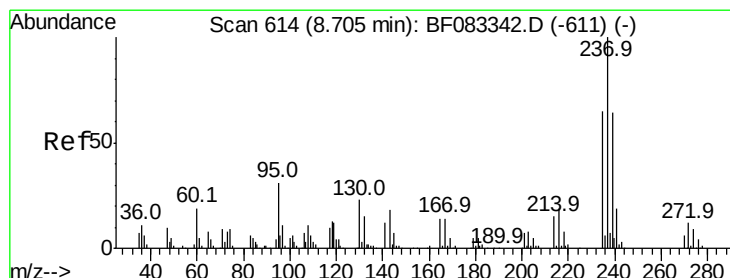
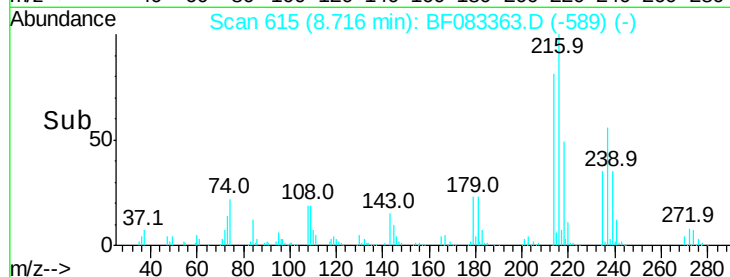
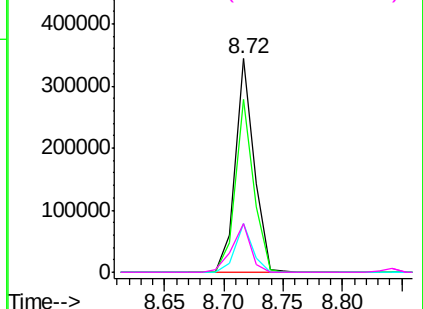


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.21 ng

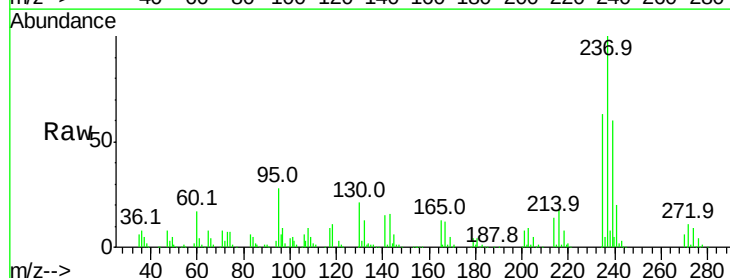
RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

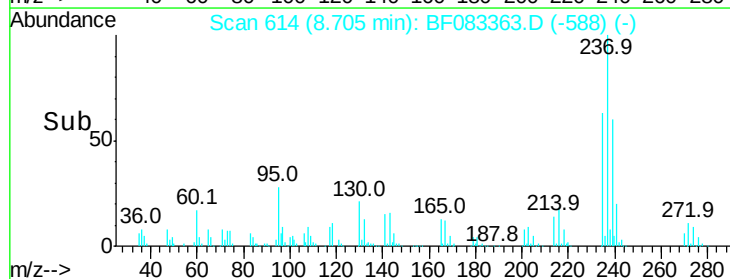
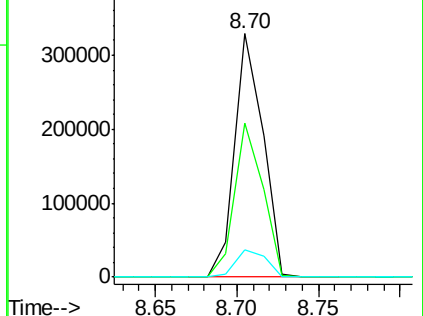
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	44.5	84.5
272	11.4	0.0	31.6

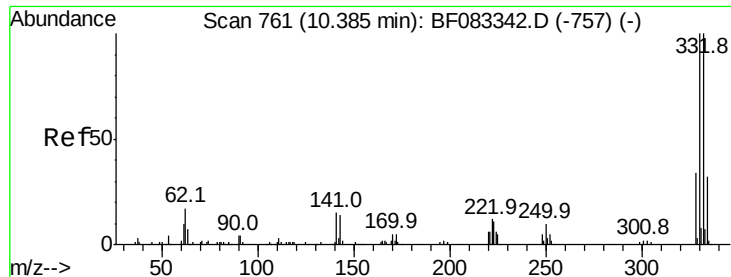


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





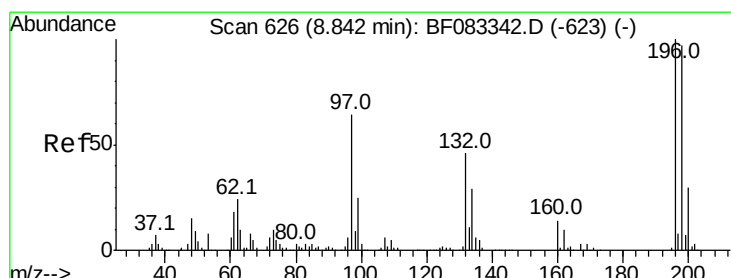
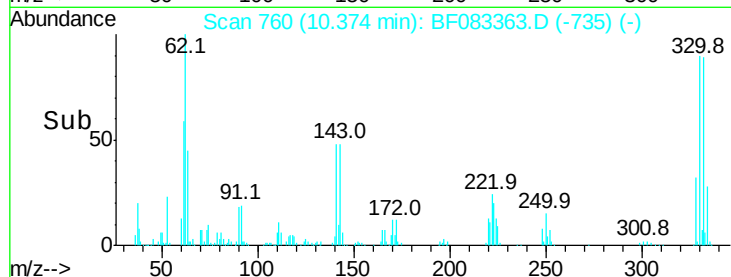
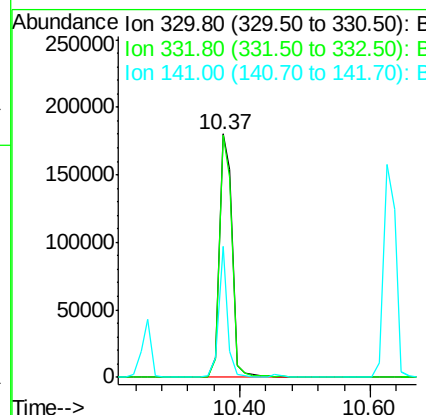
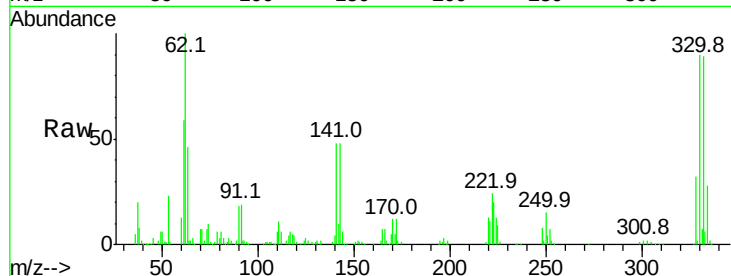
#41
 2,4,6-Tribromophenol
 Concen: 70.76 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	252680		
332	97.8	77.8	116.6	
141	37.2	29.4	44.0	

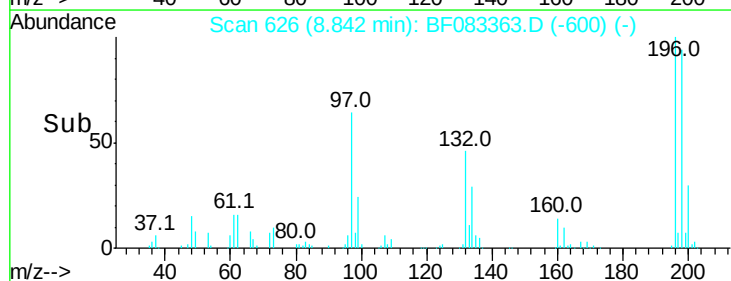
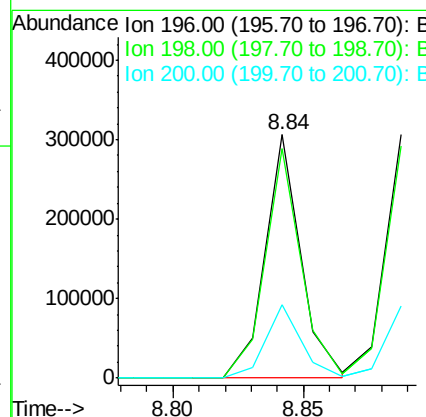
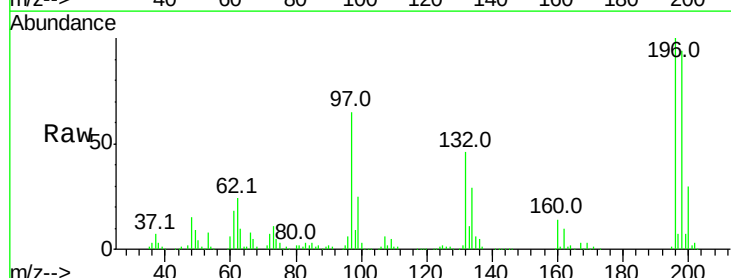
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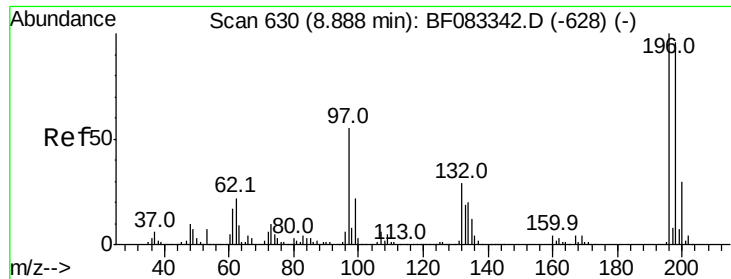
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#42
 2,4,6-Trichlorophenol
 Concen: 36.49 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288633		
198	94.5	77.2	115.8	
200	30.3	24.2	36.4	





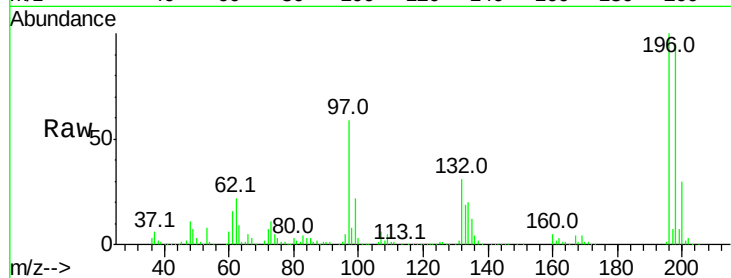
#43
 2,4,5-Trichlorophenol
 Concen: 37.46 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

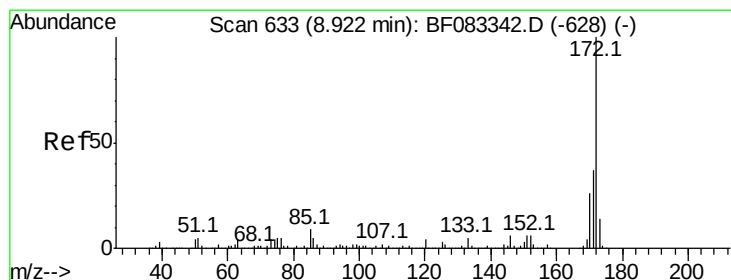
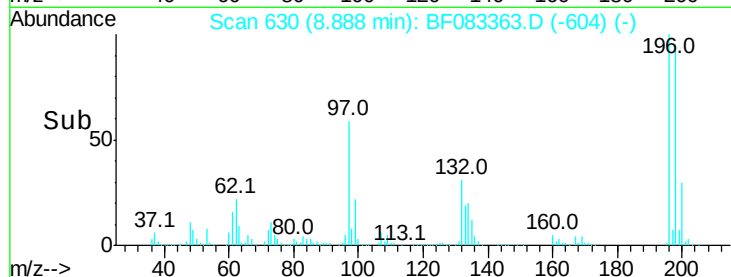
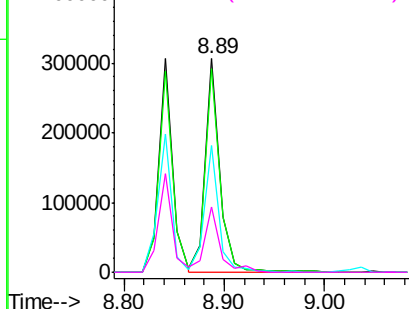
Tot Ion:	196	Resp:	307015
Ion Ratio	Lower	Upper	
196	100		
198	95.3	77.2	115.8
97	59.2	44.4	66.6
132	30.7	23.2	34.8

Manual Integrations
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Mmdadoda
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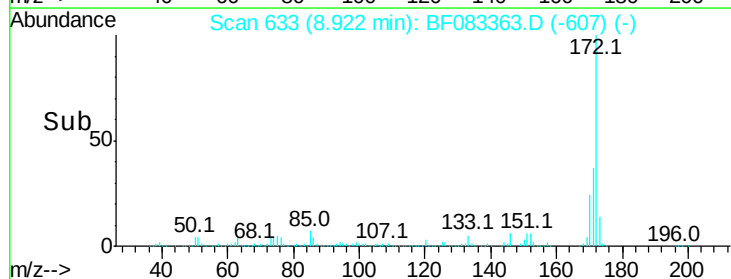
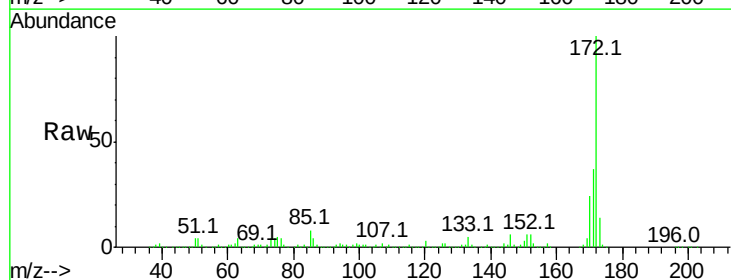
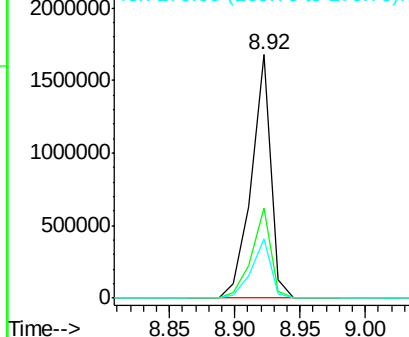
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

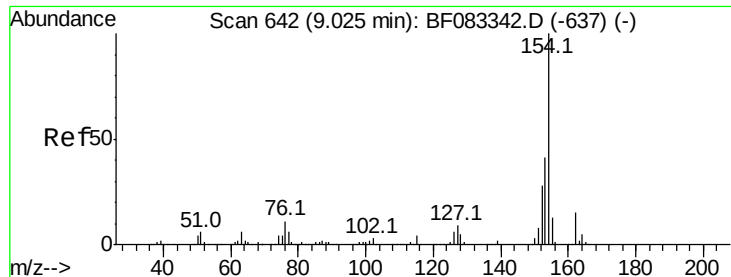


#44
 2-Fluorobiphenyl
 Concen: 70.26 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion:	172	Resp:	1753837
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.4	44.0
170	24.2	20.4	30.6

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





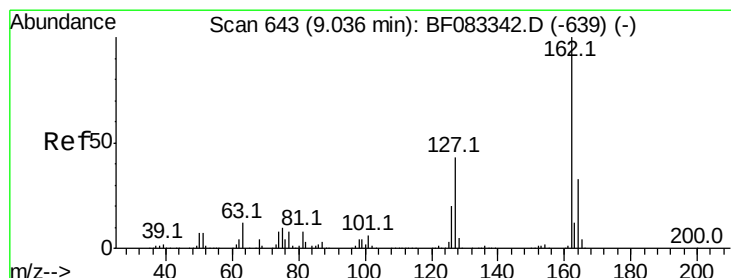
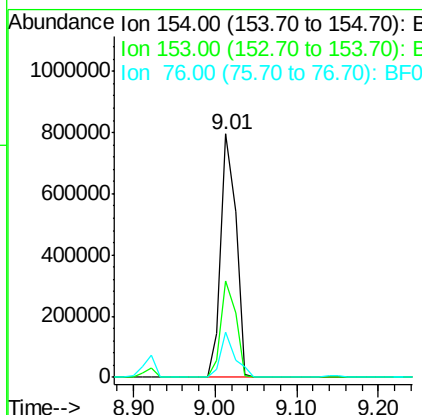
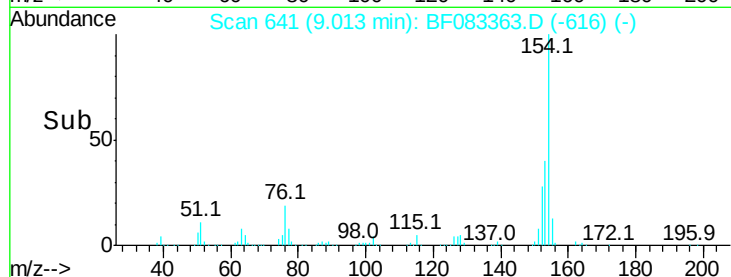
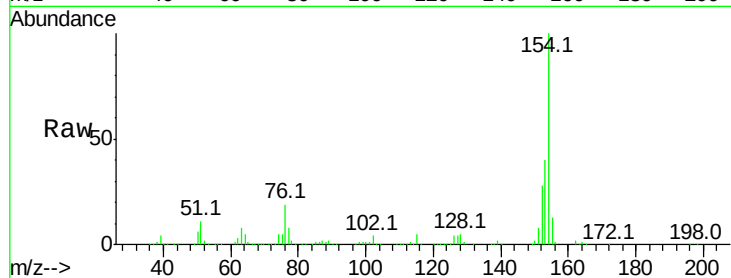
#45
 1,1'-Biphenyl
 Concen: 33.00 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampled :
 PB86921BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.6	60.6
76	18.5	0.0	30.5

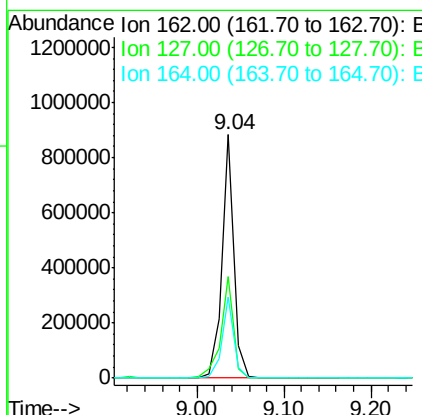
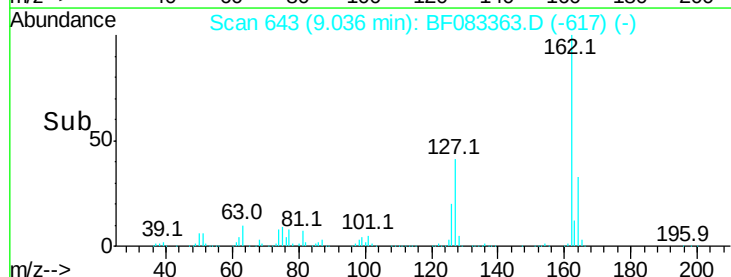
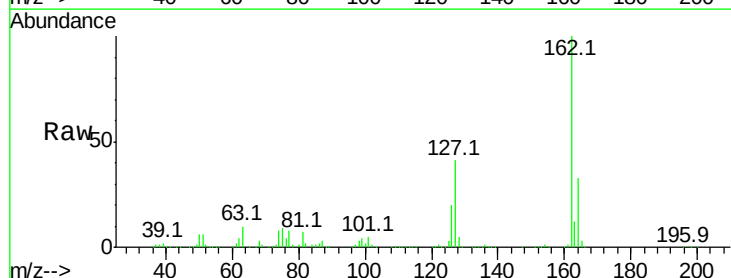
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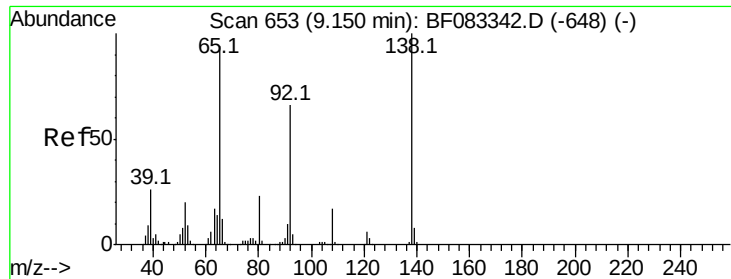
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#46
 2-Chloronaphthalene
 Concen: 35.92 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.1	51.1
164	33.1	26.6	39.8





#47

2-Nitroaniline

Concen: 36.19 ng

RT: 9.15 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

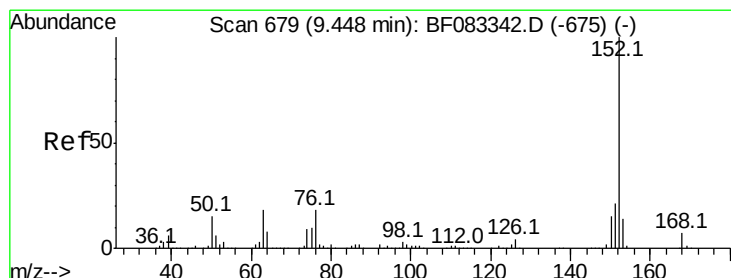
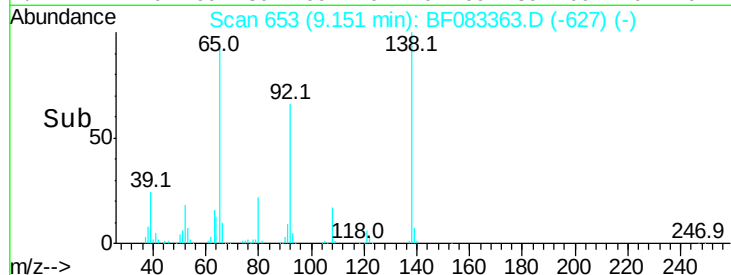
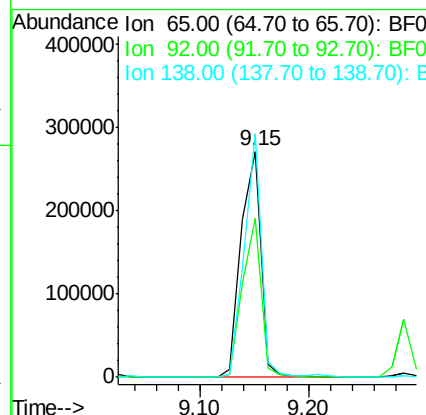
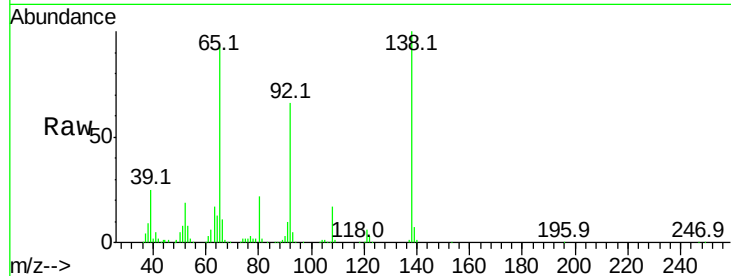
ClientSampleId :

PB86921BS

Tot Ion:	65	Resp:	340672
Ion Ratio	Lower	Upper	
65	100		
92	70.8	56.2	84.4
138	107.9	85.4	128.0

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#48

Acenaphthylene

Concen: 34.69 ng

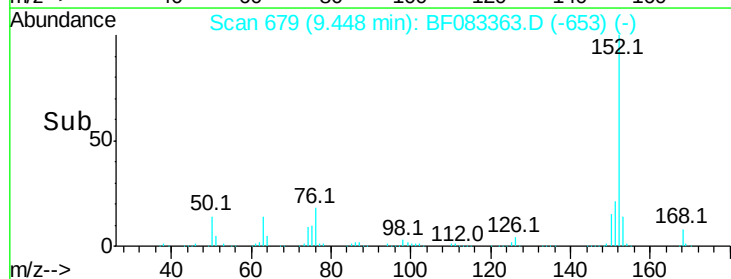
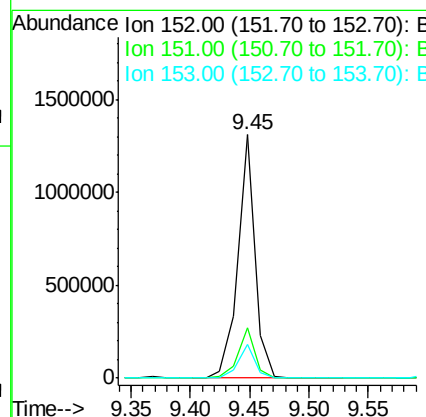
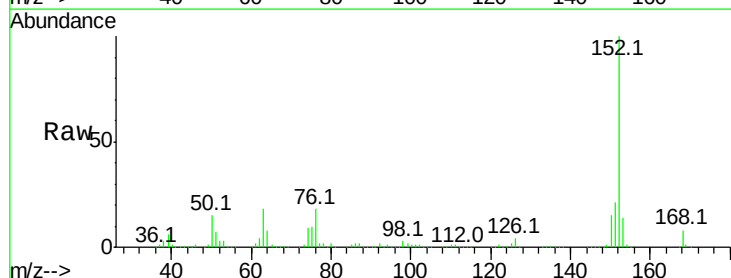
RT: 9.45 min Scan# 679

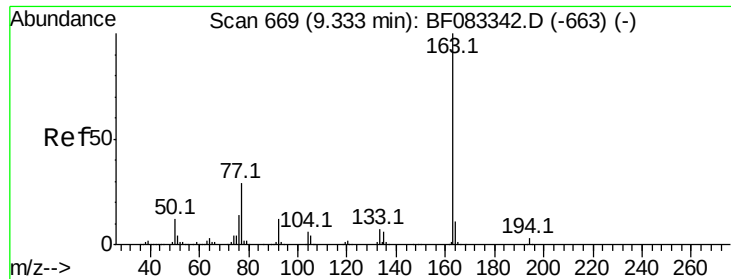
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion:	152	Resp:	1315188
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.7	25.1
153	13.7	11.2	16.8





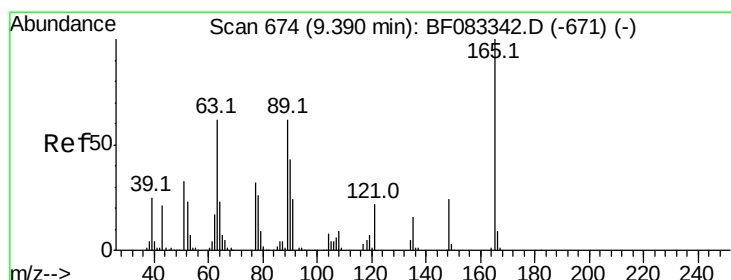
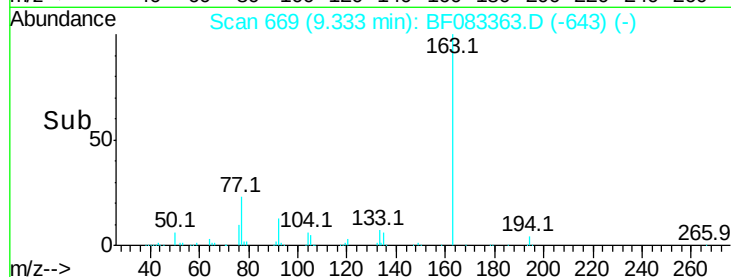
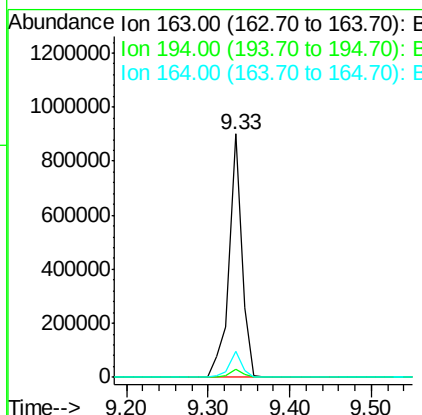
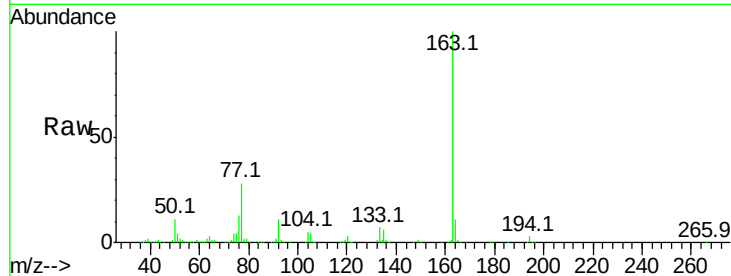
#49
Dimethylphthalate
Concen: 34.10 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	985832		
194	3.3		2.7	4.1
164	10.7		8.8	13.2

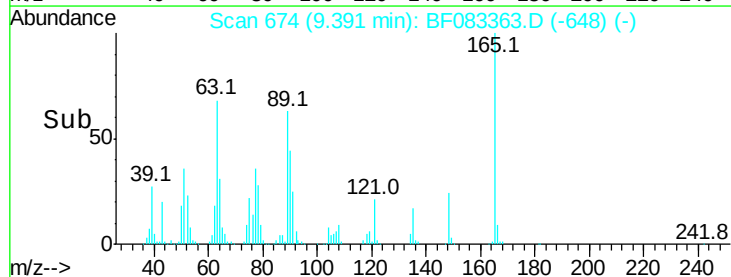
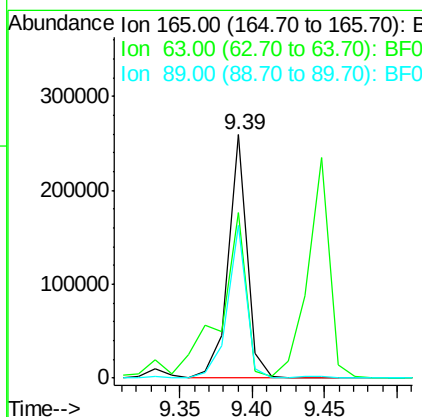
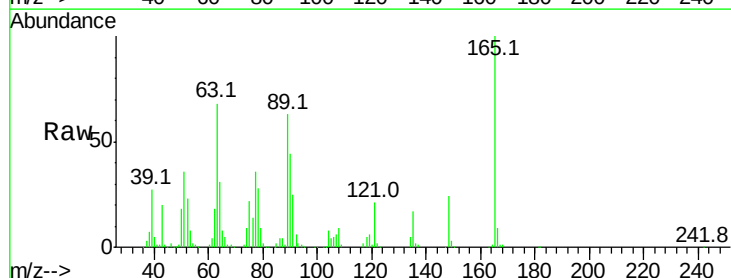
Manual Integrations
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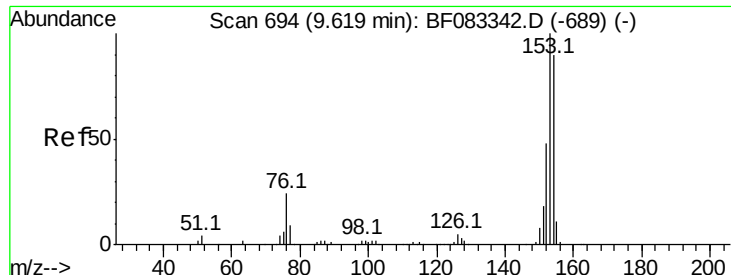
Mmdadoda
12/1/2015 6:35:14 PM



#50
2,6-Dinitrotoluene
Concen: 37.89 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	233876		
63	68.0		56.0	84.0
89	63.0		49.8	74.8





#51

Acenaphthene

Concen: 35.01 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

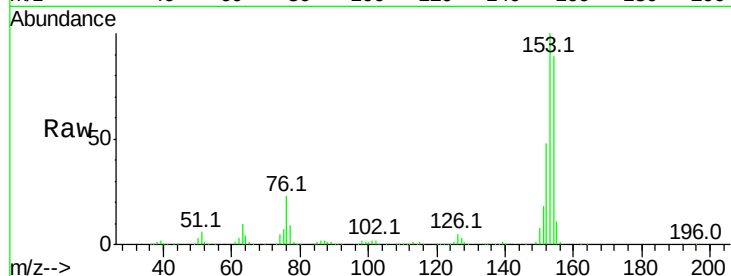
ClientSampleId :

PB86921BS

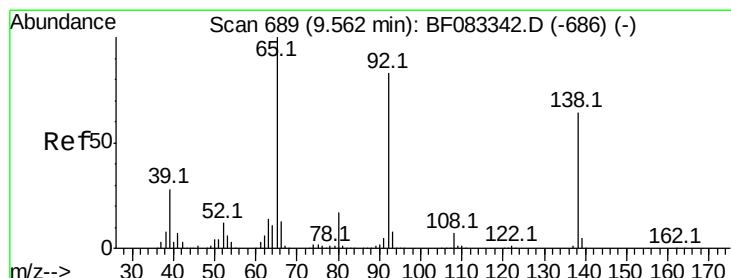
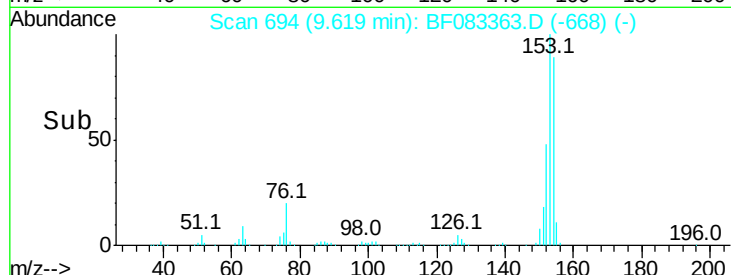
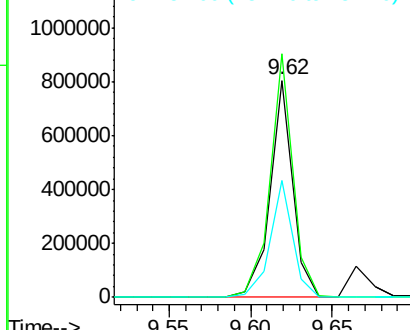
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Tot Ion:	154	Resp:	780754
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.3	133.9
152	53.9	42.5	63.7



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



#52

3-Nitroaniline

Concen: 16.20 ng

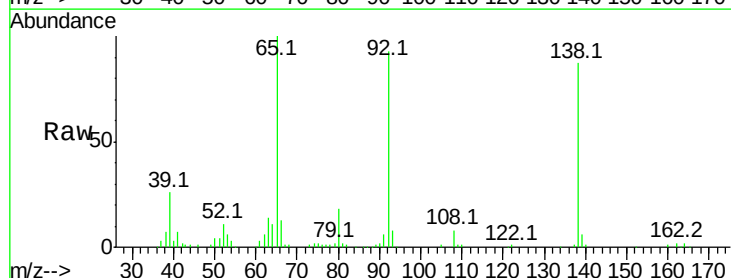
RT: 9.56 min Scan# 689

Delta R.T. 0.00 min

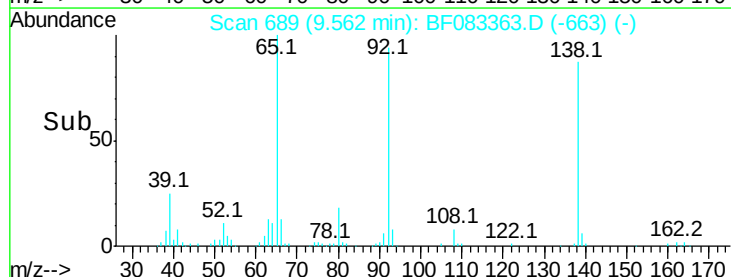
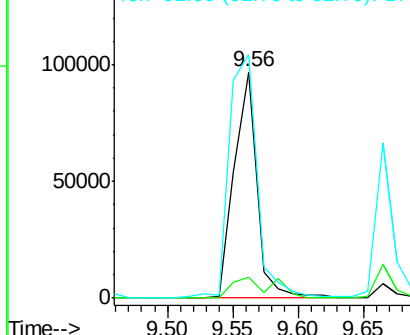
Lab File: BF083363.D

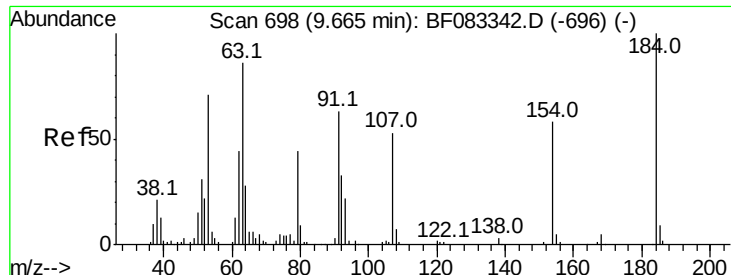
Acq: 1 Dec 2015 5:46

Tgt Ion:	138	Resp:	117241
Ion Ratio	Lower	Upper	
138	100		
108	9.3	8.4	12.6
92	107.6	104.2	156.4



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





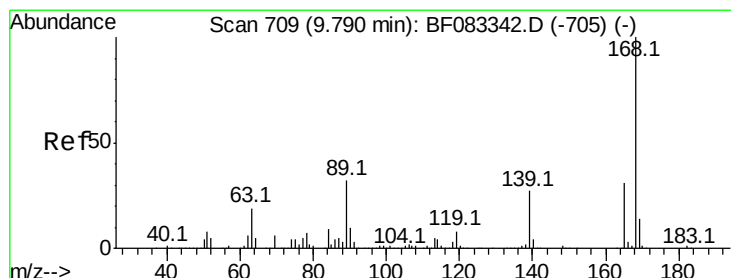
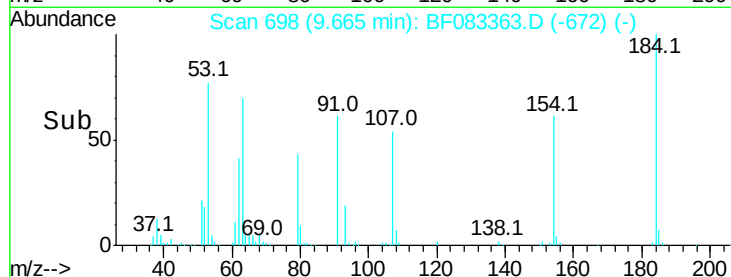
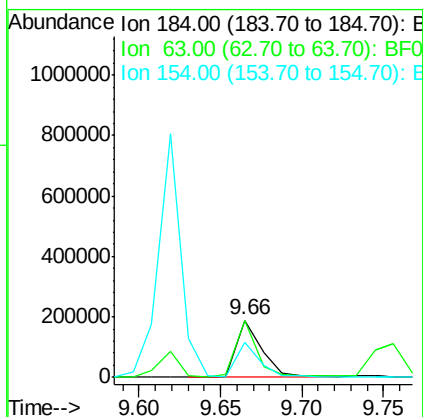
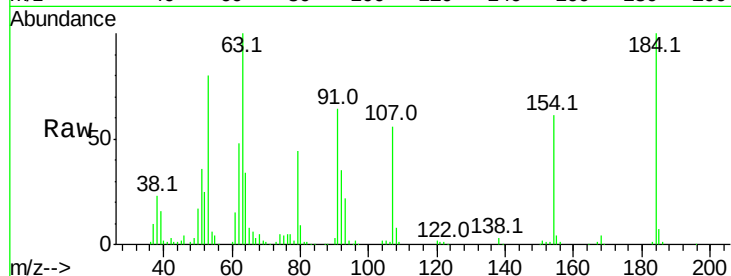
#53
2,4-Dinitrophenol
Concen: 57.17 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	205417		
63	99.9	69.0	103.6	
154	60.8	50.0	75.0	

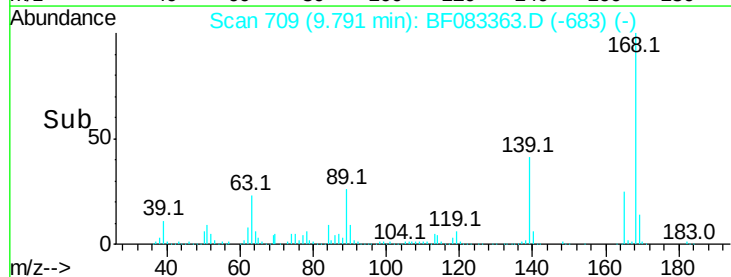
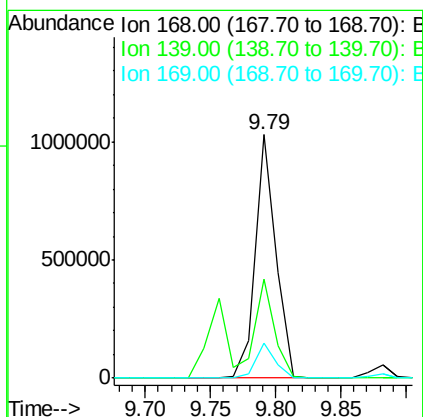
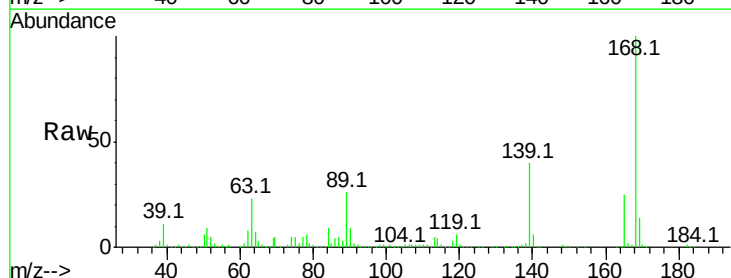
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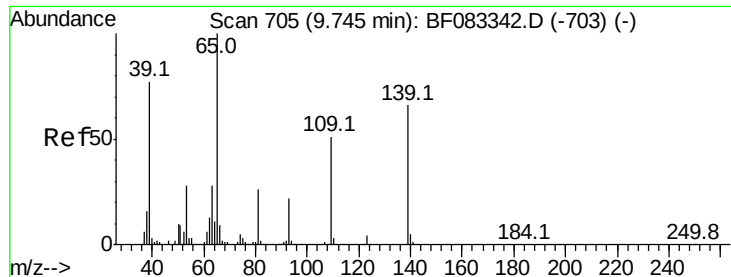
Mmdadoda
12/1/2015 6:35:14 PM



#54
Dibenzofuran
Concen: 34.67 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1132975		
139	40.5	32.7	49.1	
169	14.3	11.1	16.7	





#55

4-Nitrophenol

Concen: 77.09 ng

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

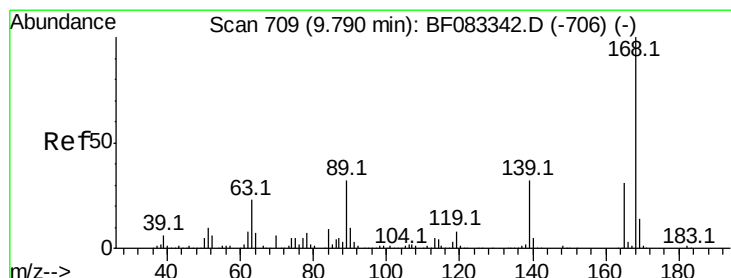
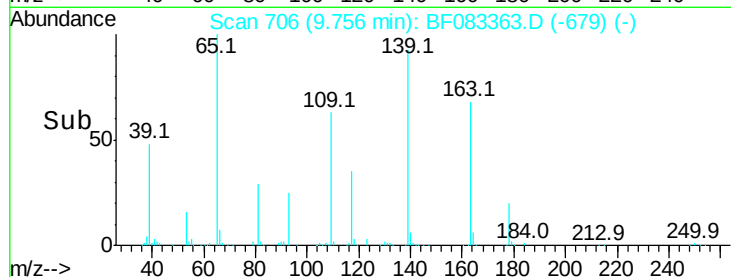
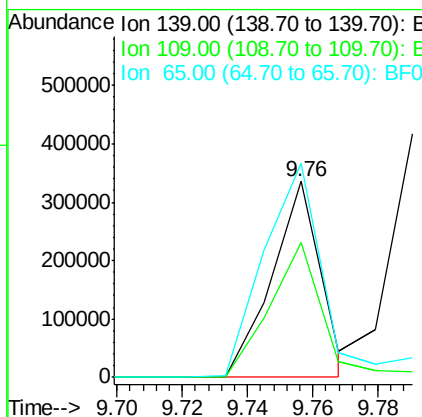
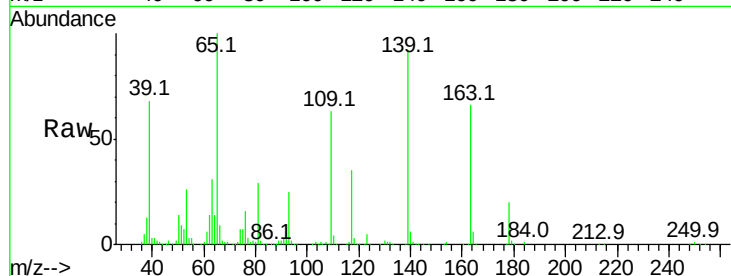
ClientSampled :

PB86921BS

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Mmdadoda
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Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.8	57.4	97.4	
65	109.2	131.6	171.6	



#56

2,4-Dinitrotoluene

Concen: 35.96 ng

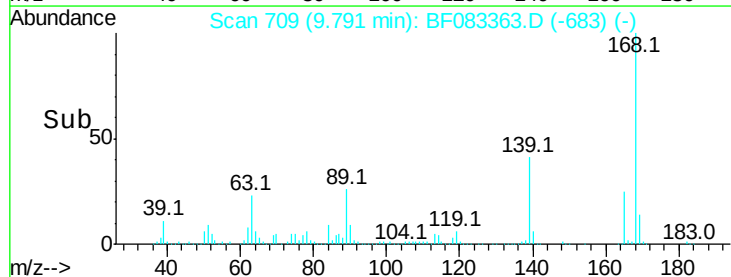
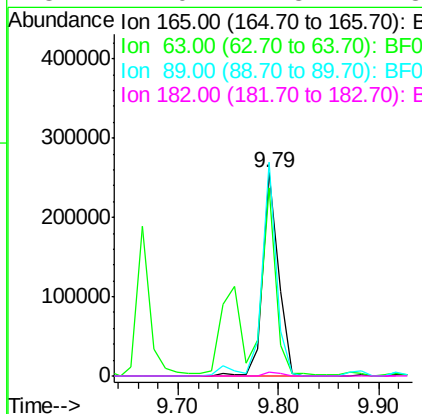
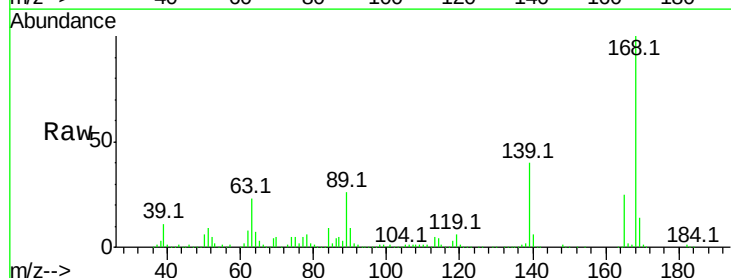
RT: 9.79 min Scan# 709

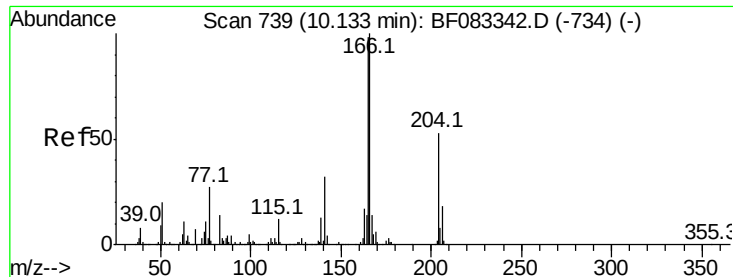
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	92.3	65.4	98.0	
89	105.0	81.2	121.8	
182	2.0	1.8	2.8	





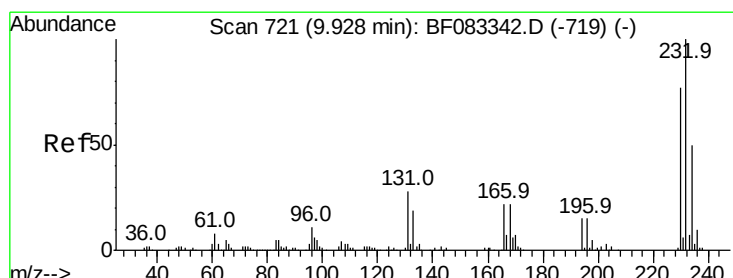
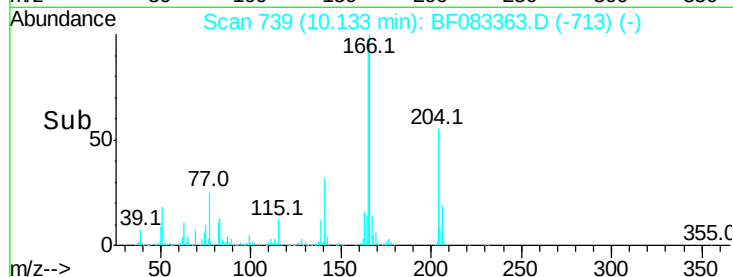
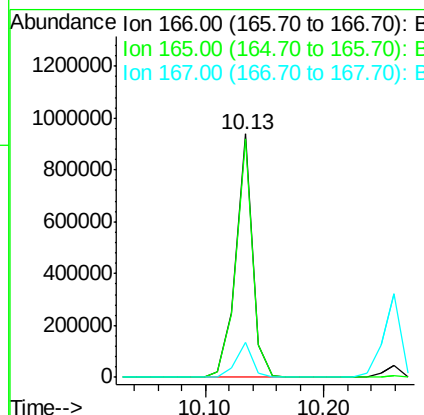
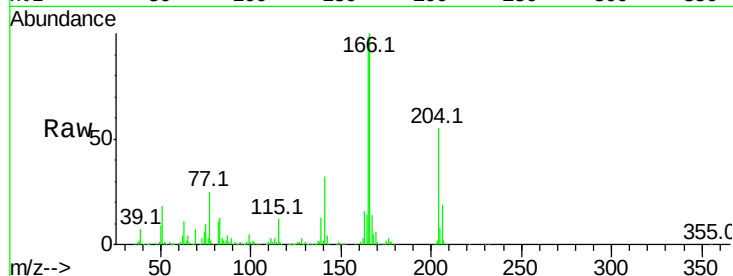
#57
 Fluorene
 Concen: 35.64 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	78.3	117.5	
167	14.3	11.1	16.7	

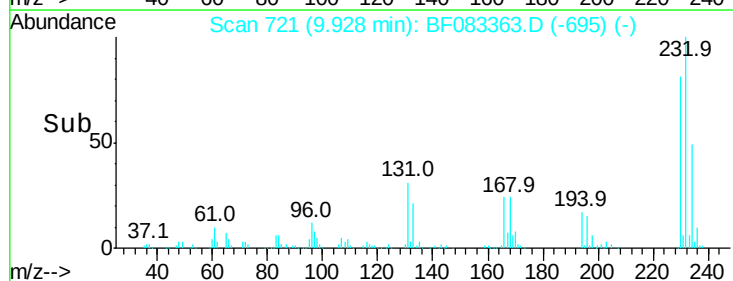
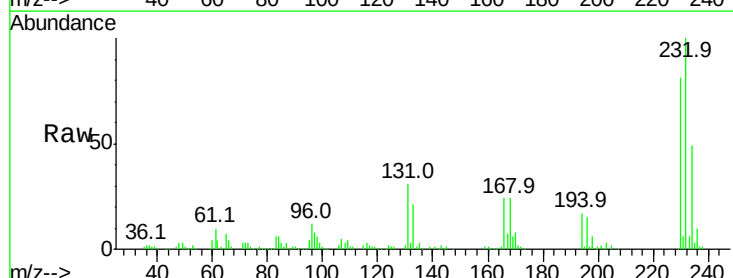
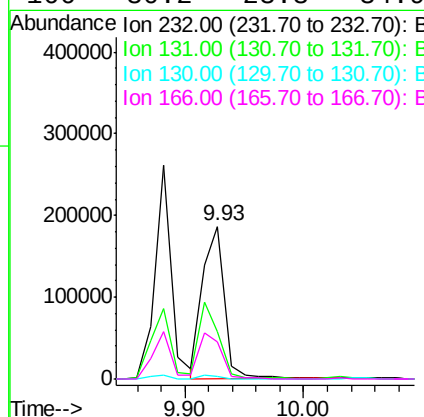
Manual Integrations
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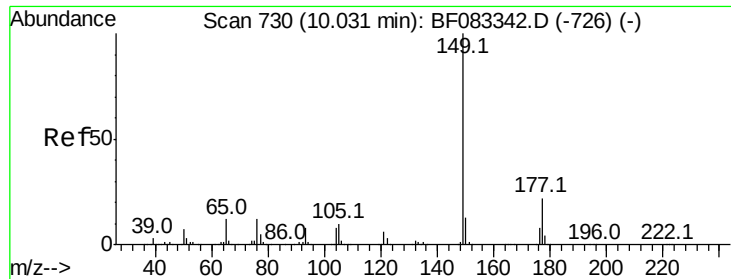
Mmdadoda
 12/1/2015 6:35:14 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.81 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.5	35.4	53.2	
130	2.2	1.7	2.5	
166	30.2	23.3	34.9	





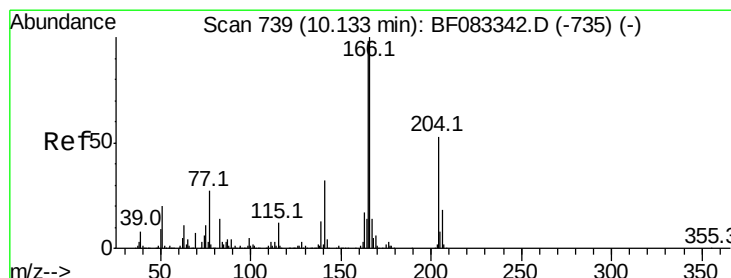
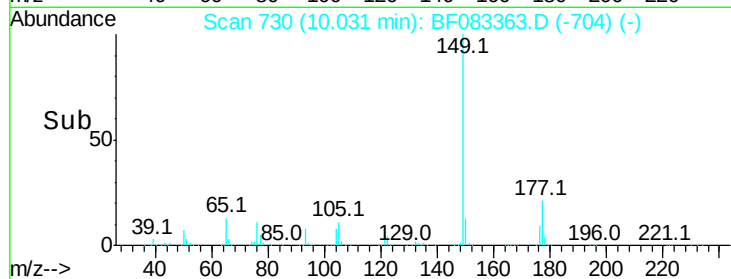
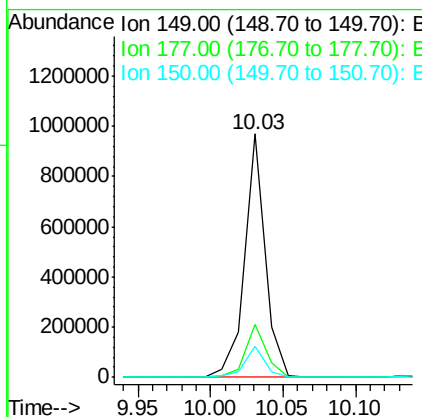
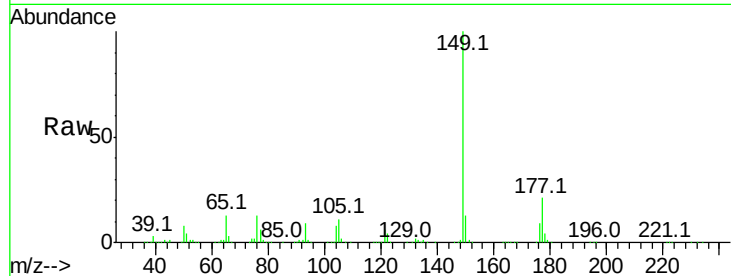
#59
Diethylphthalate
Concen: 34.74 ng
RT: 10.03 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	957149		
177	21.5	17.4	26.2	
150	12.9	10.4	15.6	

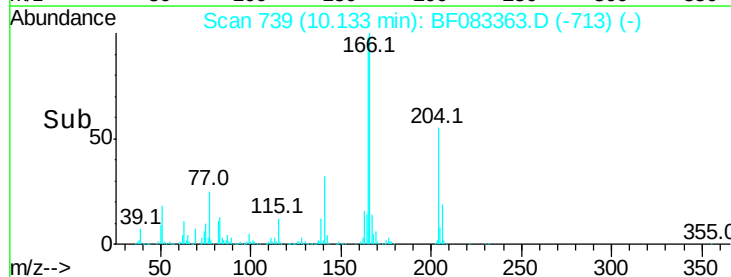
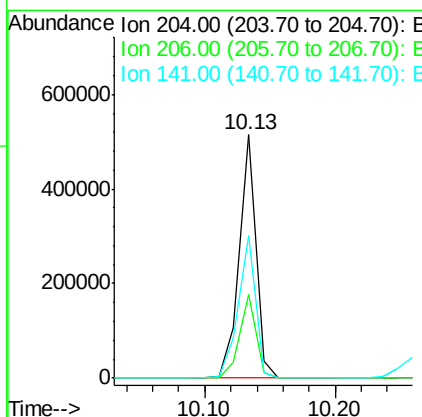
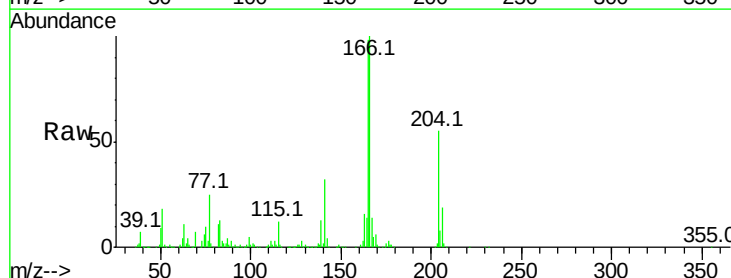
Manual Integrations
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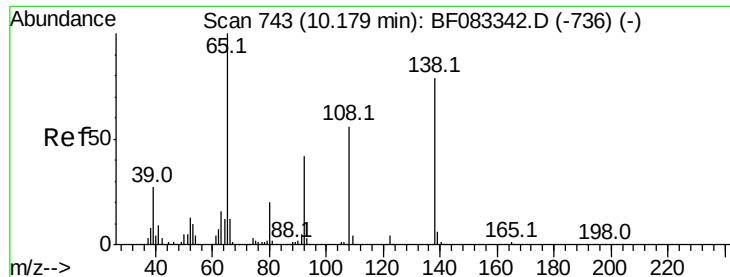
Mmdadoda
12/1/2015 6:35:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.44 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	455800		
206	34.5	27.5	41.3	
141	58.6	48.1	72.1	





#61

4-Nitroaniline

Concen: 32.40 ng

RT: 10.18 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

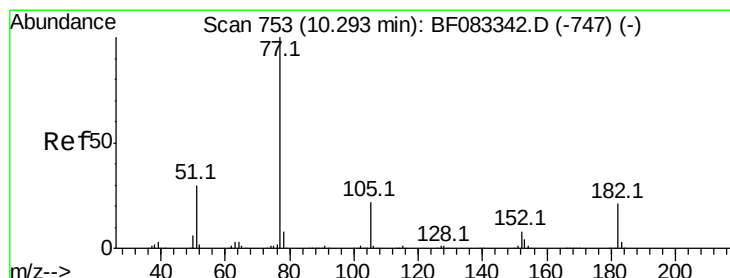
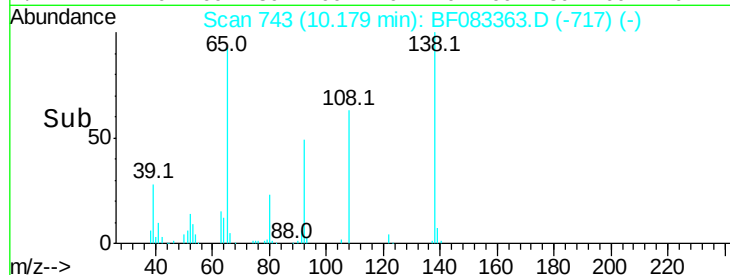
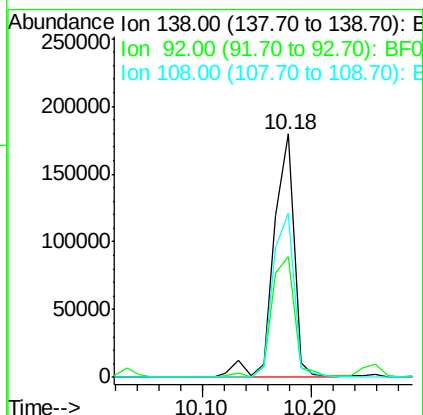
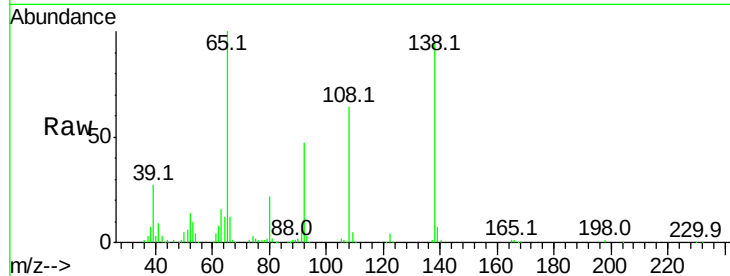
ClientSampleId :

PB86921BS

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12/1/2015 6:35:14 PM

Tot Ion	138	Resp	234595
Ion Ratio	Lower	Upper	
138	100		
92	49.5	33.6	73.6
108	67.2	51.0	91.0



#62

Azobenzene

Concen: 39.45 ng

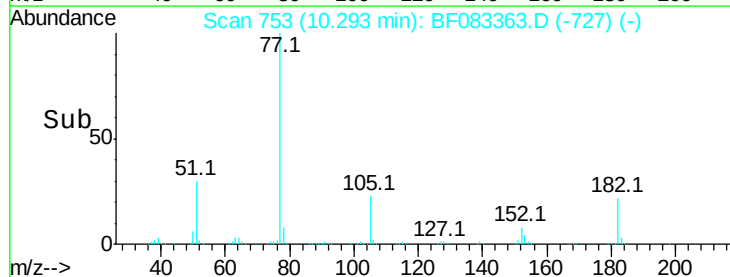
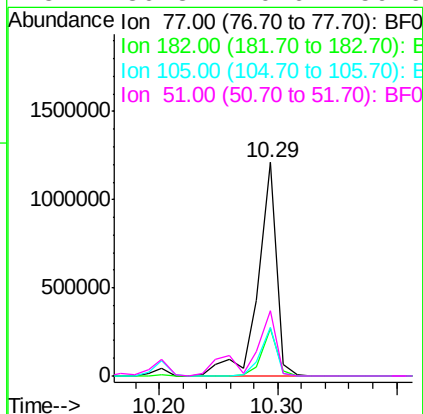
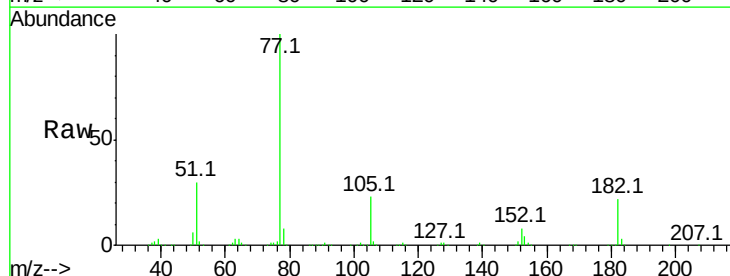
RT: 10.29 min Scan# 753

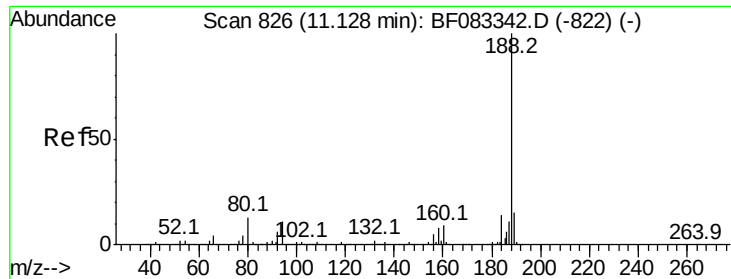
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion	77	Resp	1313019
Ion Ratio	Lower	Upper	
77	100		
182	22.0	0.8	40.8
105	23.1	2.3	42.3
51	30.3	10.6	50.6





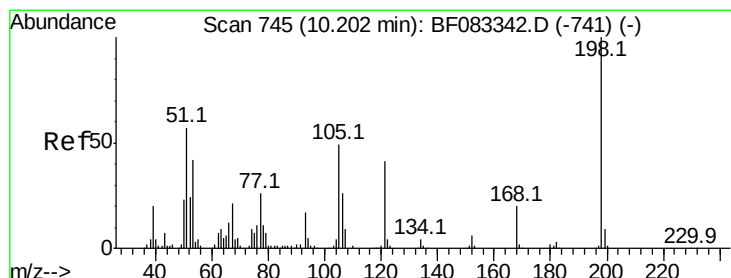
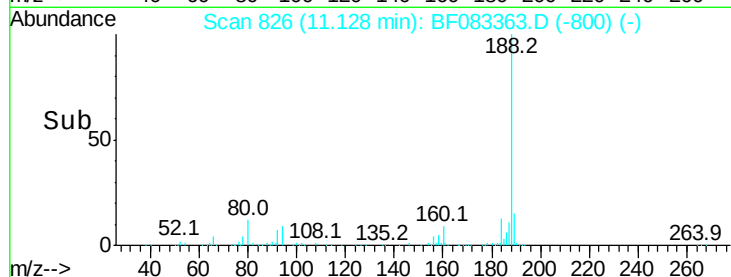
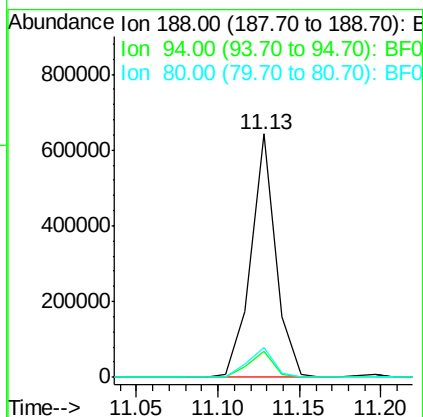
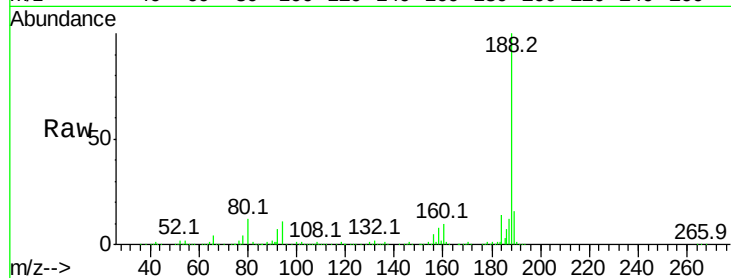
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	8.7	13.1
80	12.3	10.3	15.5

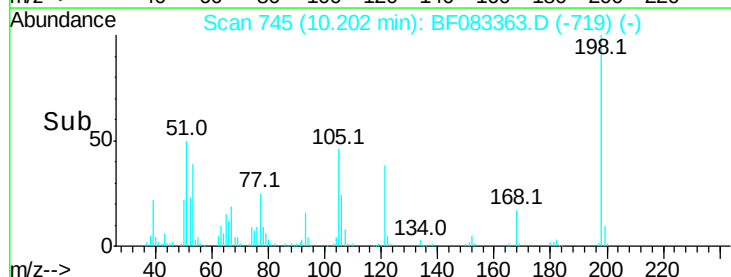
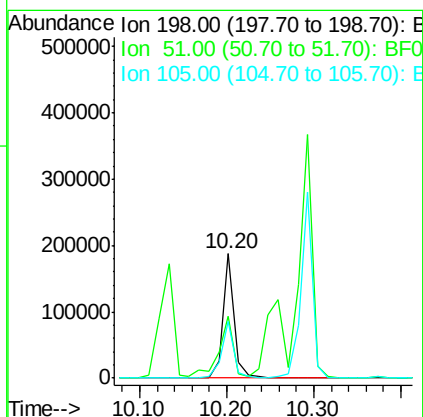
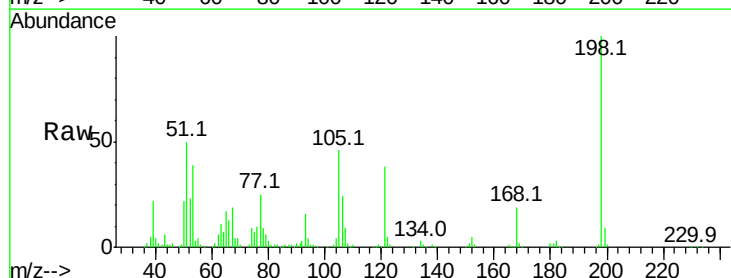
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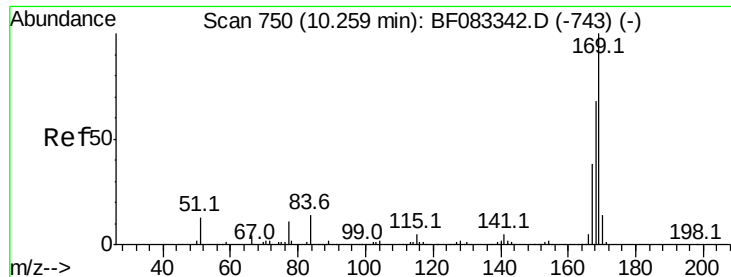
Mmdadoda
12/1/2015 6:35:14 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.23 ng
RT: 10.20 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	49.7	38.3	78.3
105	46.0	29.2	69.2





#65

n-Nitrosodiphenylamine

Concen: 36.55 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

ClientSampleId :

PB86921BS

Tot Ion:169 Resp: 873959

Ion Ratio Lower Upper

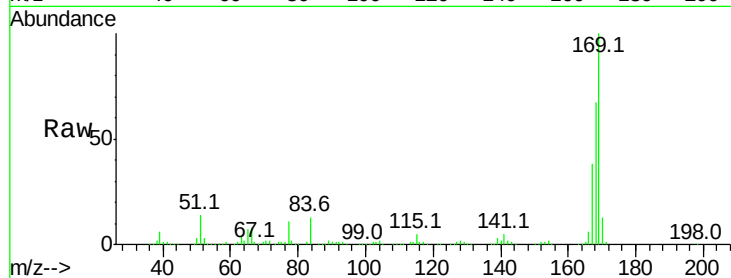
169 100

168 67.3 54.8 82.2

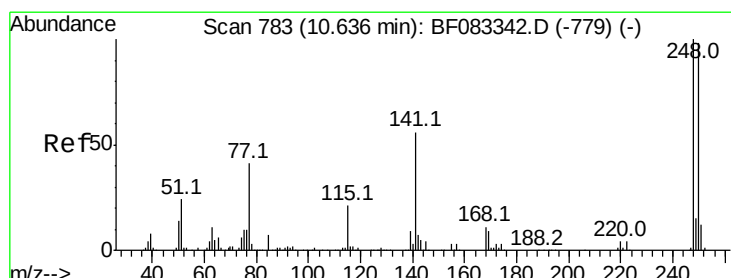
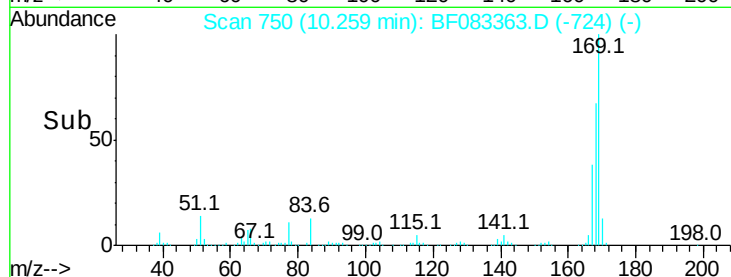
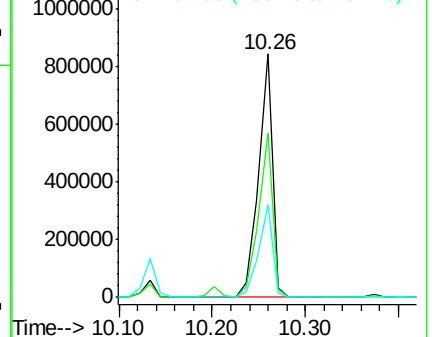
167 37.9 30.2 45.2

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12/1/2015 6:35:14 PM



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



#66

4-Bromophenyl-phenylether

Concen: 36.23 ng

RT: 10.64 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

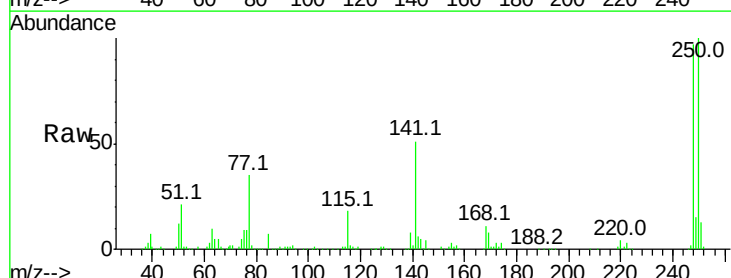
Tgt Ion:248 Resp: 269711

Ion Ratio Lower Upper

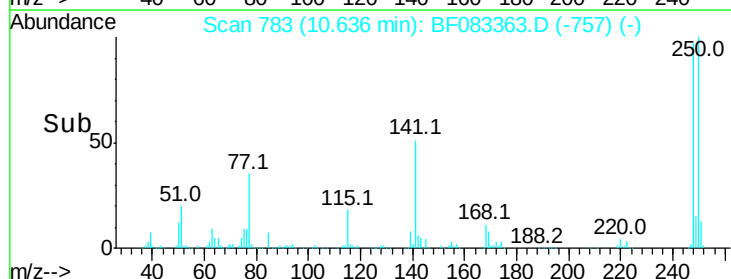
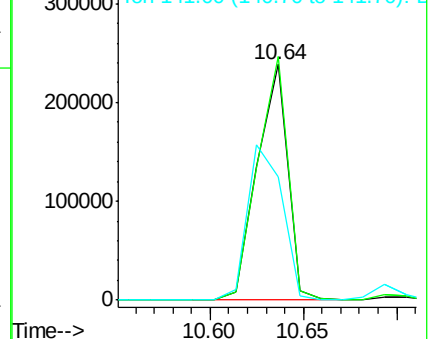
248 100

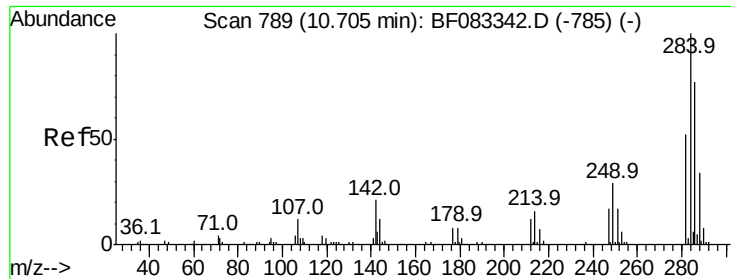
250 103.2 78.6 118.0

141 52.2 44.4 66.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





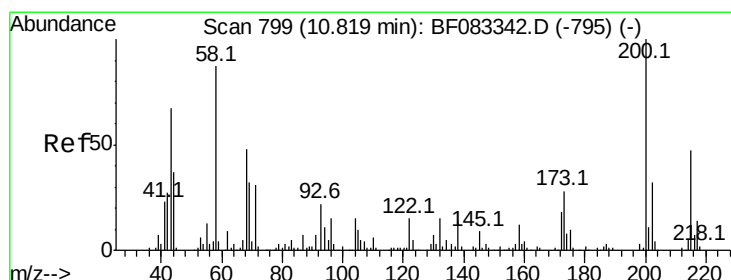
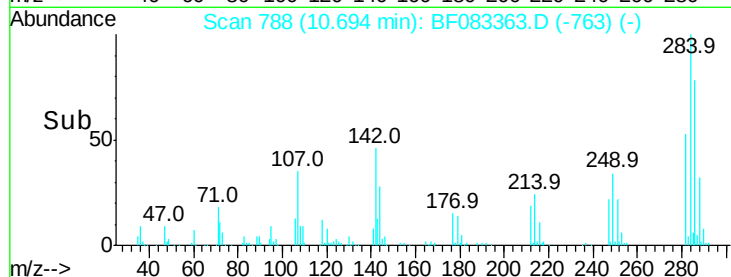
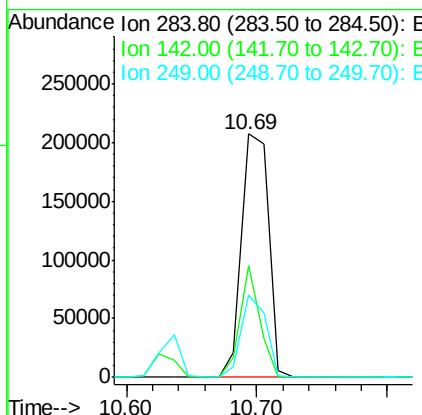
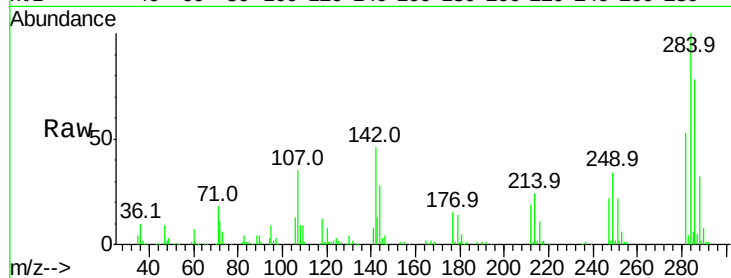
#67
Hexachlorobenzene
Concen: 36.25 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampled :
PB86921BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	46.2	16.6	24.8#
249	33.7	23.0	34.4

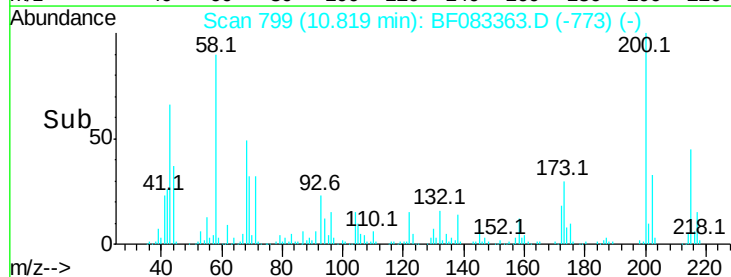
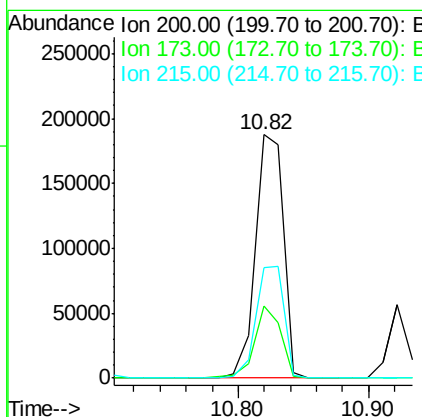
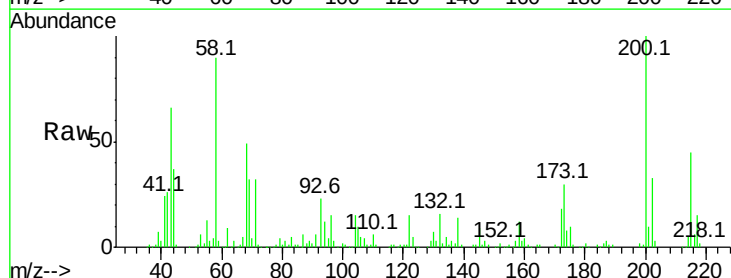
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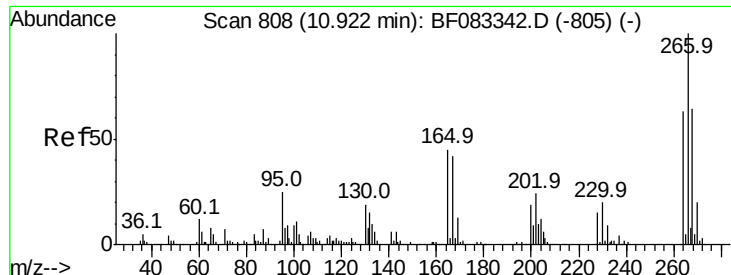
Mmdadoda
12/1/2015 6:35:14 PM



#68
Atrazine
Concen: 42.50 ng
RT: 10.82 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.5	8.3	48.3
215	45.5	26.7	66.7





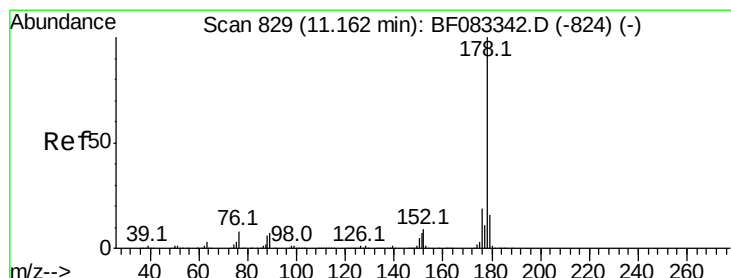
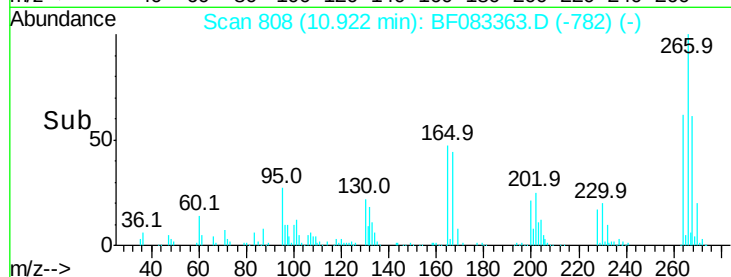
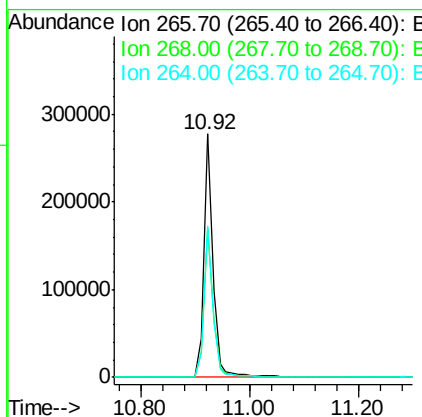
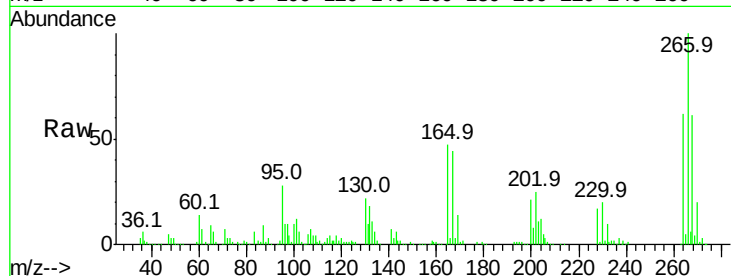
#69
 Pentachlorophenol
 Concen: 74.27 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	320197		
268	61.0		51.5	77.3
264	62.3		50.4	75.6

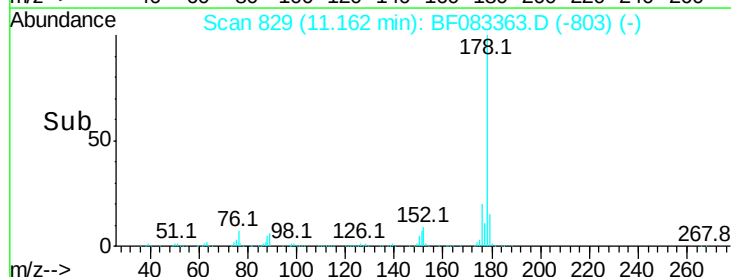
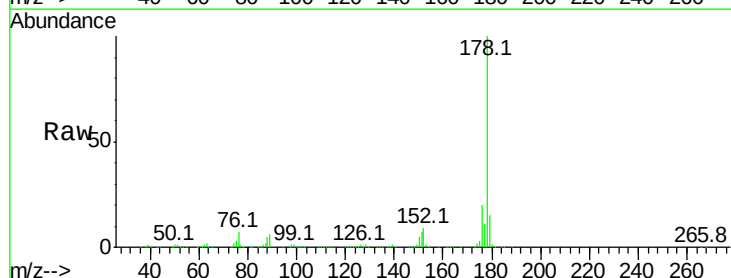
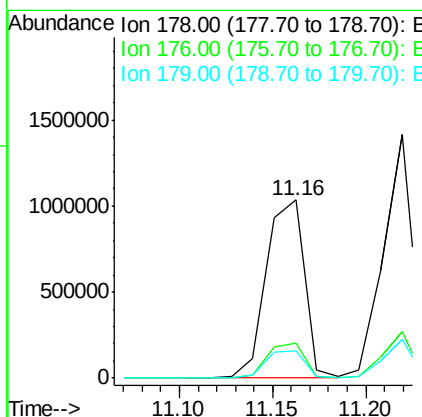
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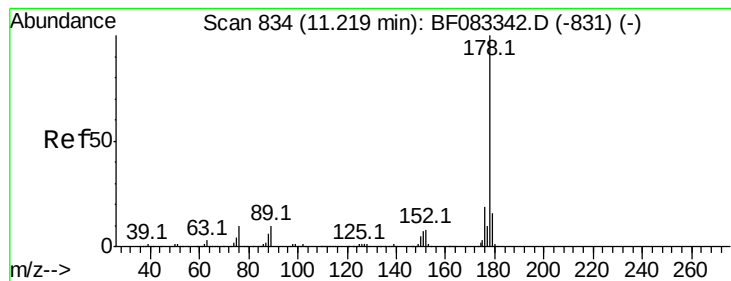
Mmdadoda
 12/1/2015 6:35:14 PM



#70
 Phenanthrene
 Concen: 36.45 ng
 RT: 11.16 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1467695		
176	19.6		15.3	22.9
179	15.2		12.4	18.6





#71
 Anthracene
 Concen: 37.71 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

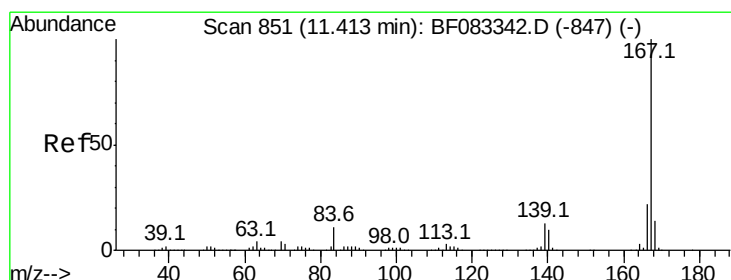
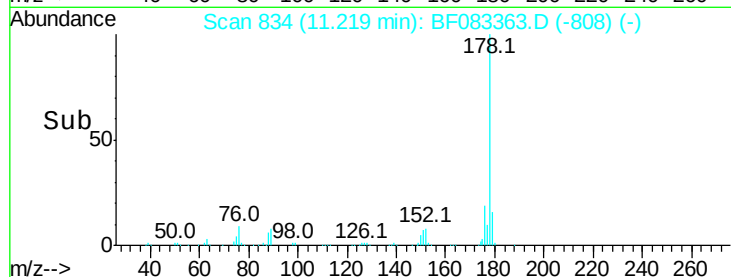
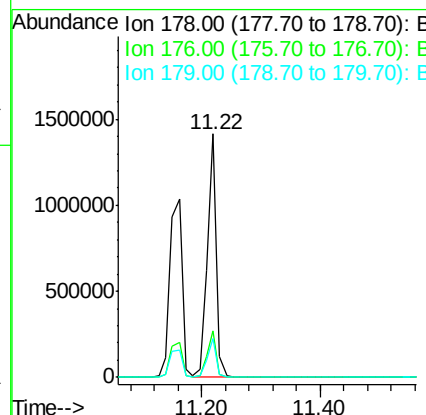
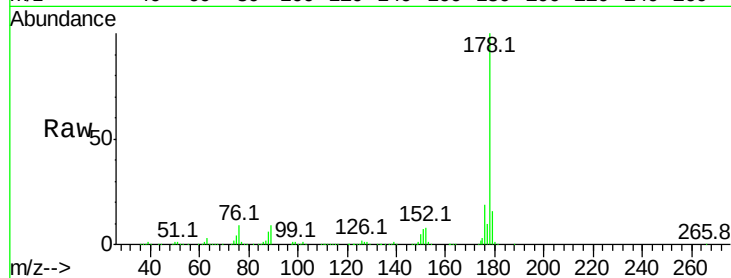
Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion:178 Resp: 1528722

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.2	12.8	19.2

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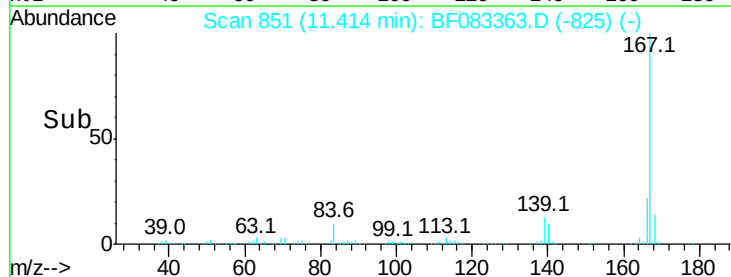
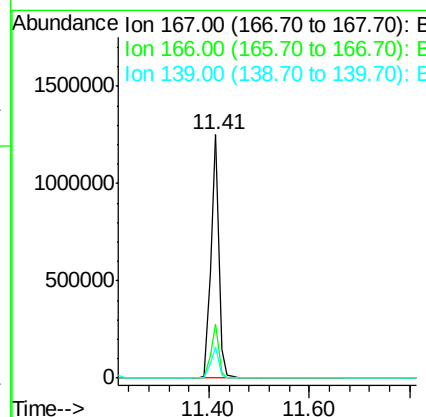
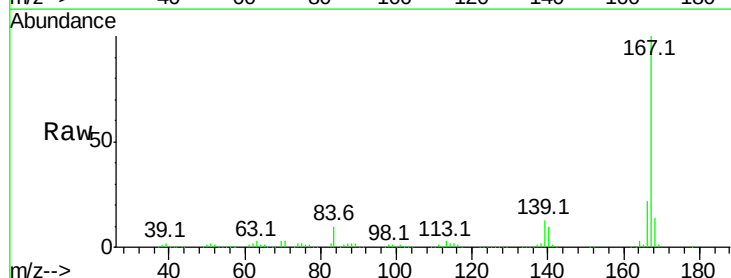
Mmdadoda
 12/1/2015 6:35:14 PM

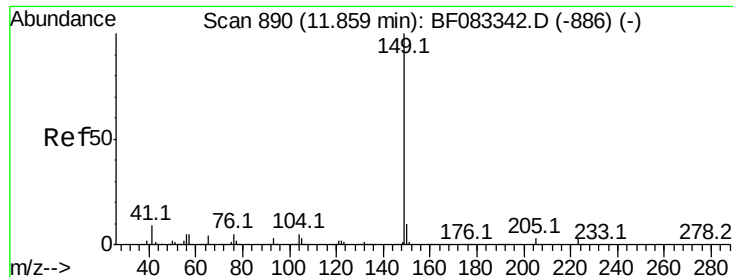


#72
 Carbazole
 Concen: 37.47 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion:167 Resp: 1364796

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.0	10.5	15.7





#73

Di-n-butylphthalate

Concen: 38.11 ng

RT: 11.86 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

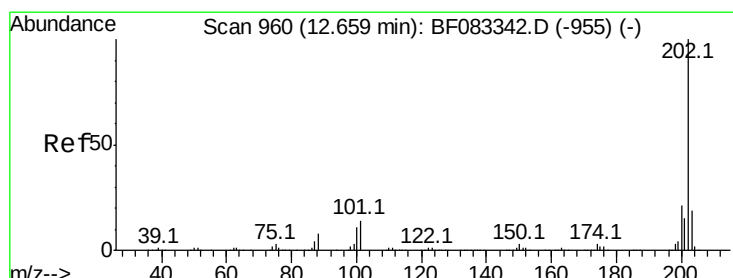
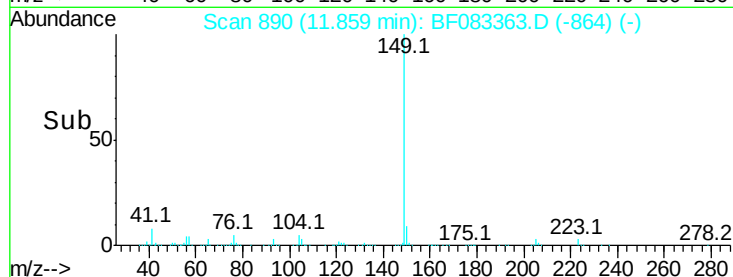
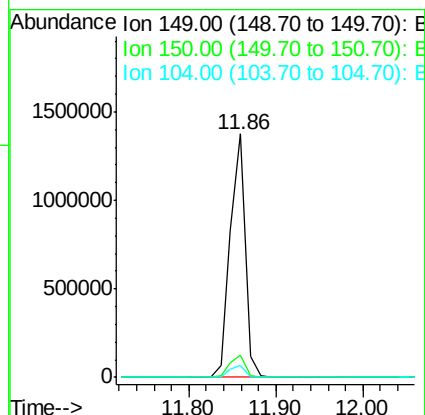
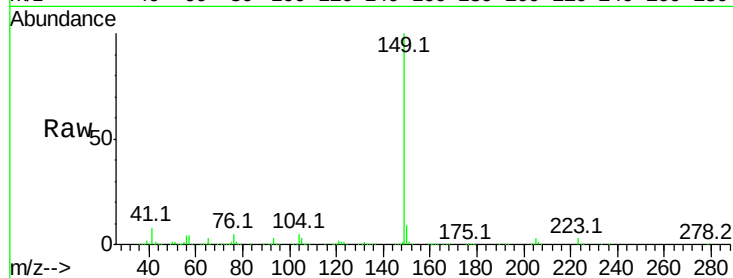
ClientSampleId :

PB86921BS

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12/1/2015 6:35:14 PM

Tot Ion:149	Resp: 1644983
Ion Ratio	Lower Upper
149 100	
150 9.3	7.7 11.5
104 4.7	4.0 6.0



#74

Fluoranthene

Concen: 35.48 ng

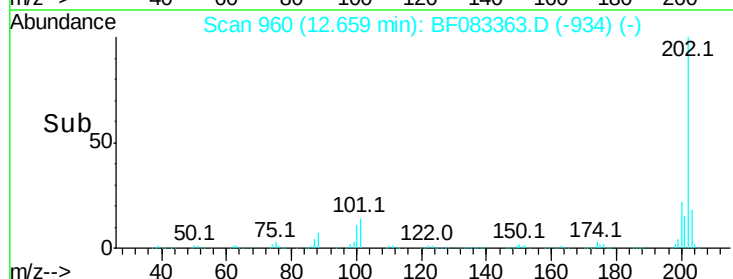
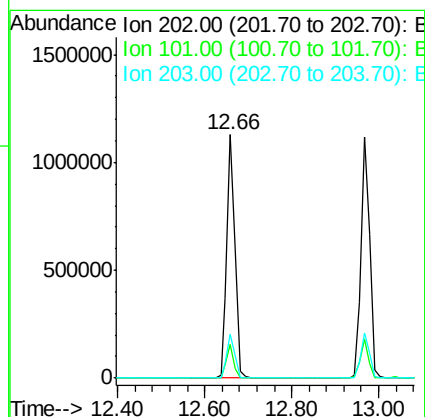
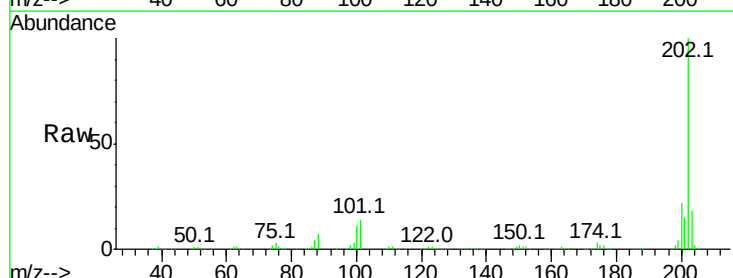
RT: 12.66 min Scan# 960

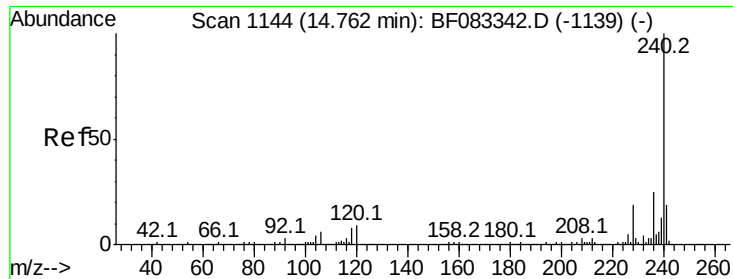
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion	202	Resp: 1481203	
Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.5
203	18.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

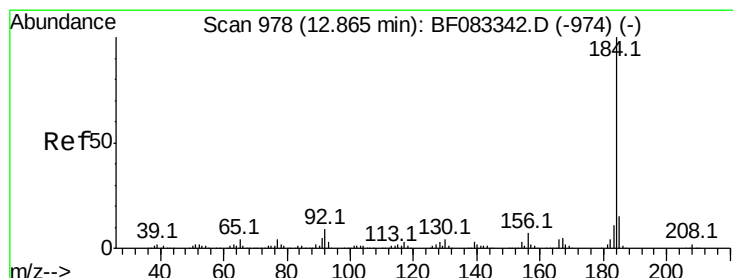
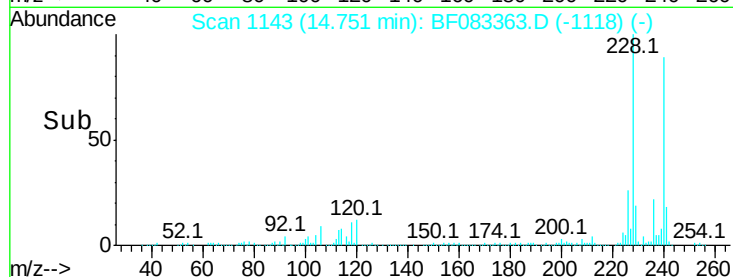
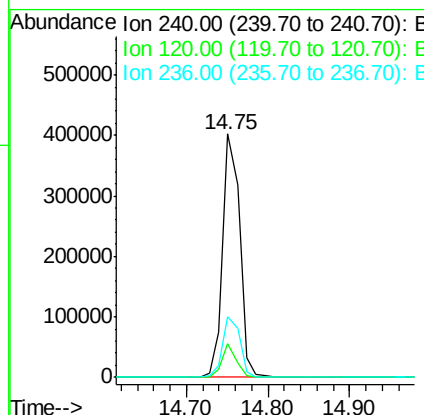
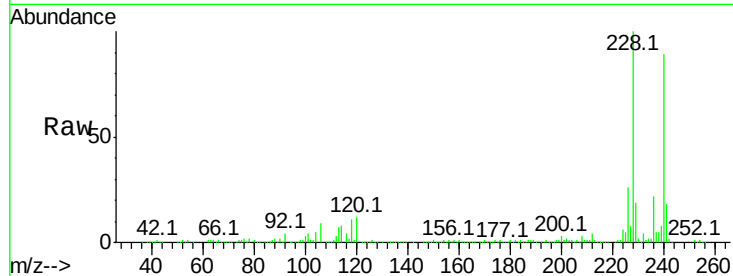
ClientSampled :

PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.0	6.9	10.3	
236	25.1	19.8	29.6	

Manual Integrations
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Mmdadoda
12/1/2015 6:35:14 PM



#76

Benzidine

Concen: 27.29 ng

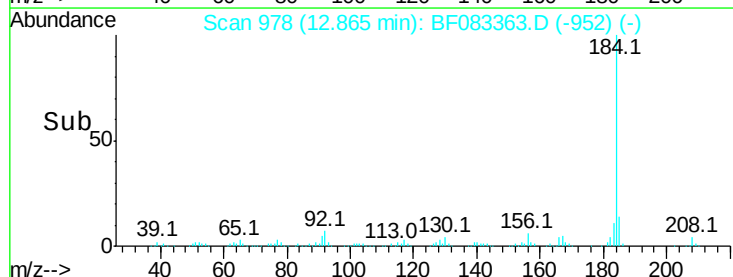
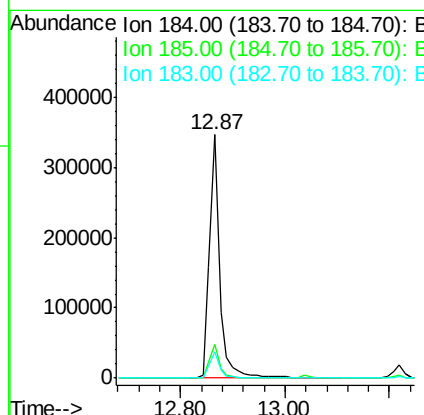
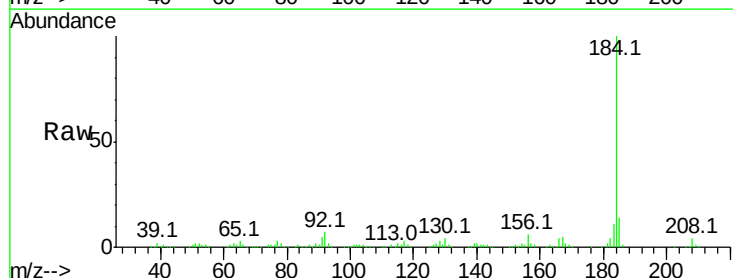
RT: 12.87 min Scan# 978

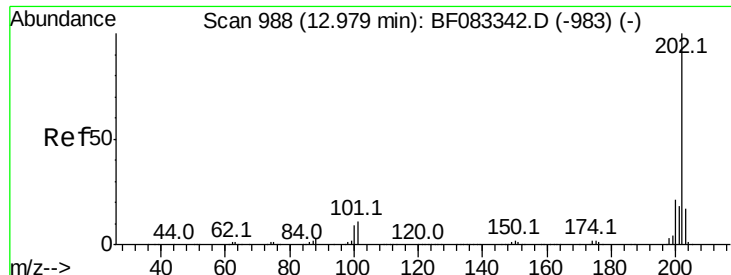
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.8	12.4	18.6	
183	10.5	9.0	13.4	





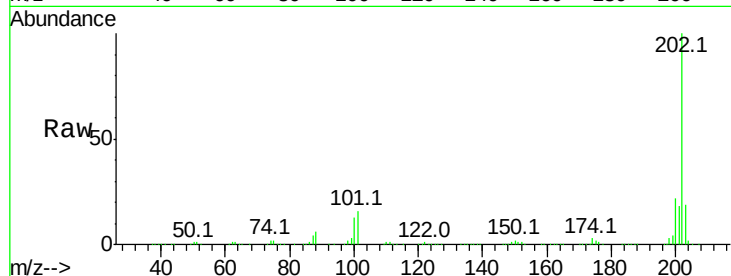
#77
Pvrene
Concen: 37.43 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

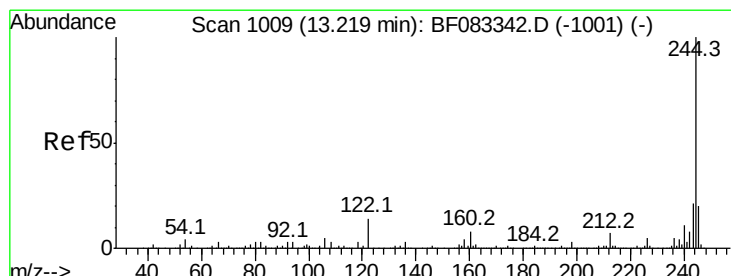
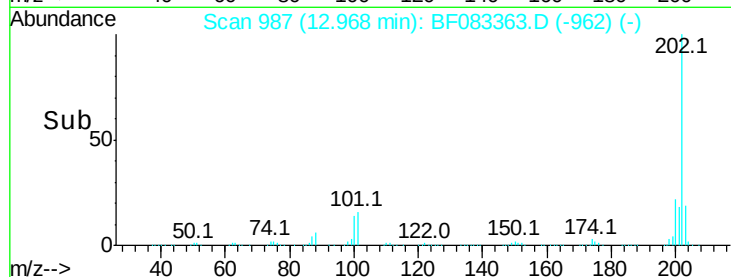
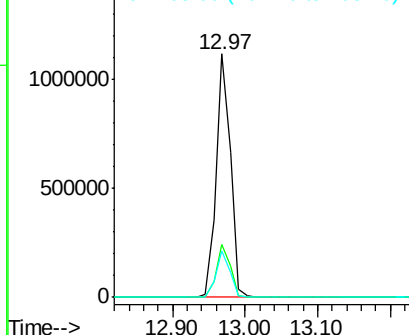
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.9	13.9	20.9

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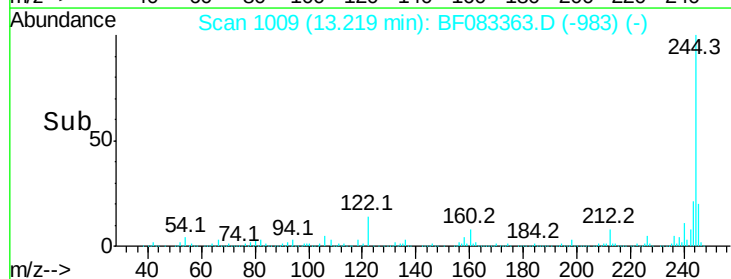
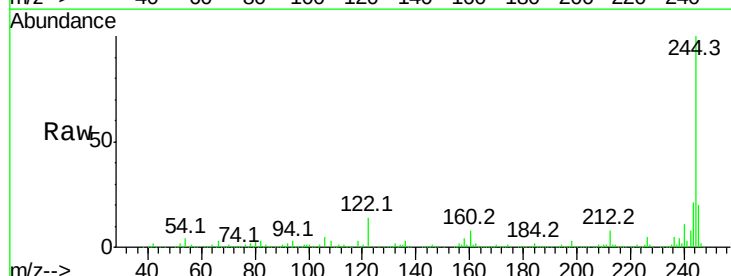
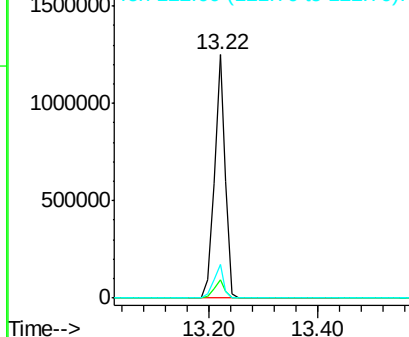
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

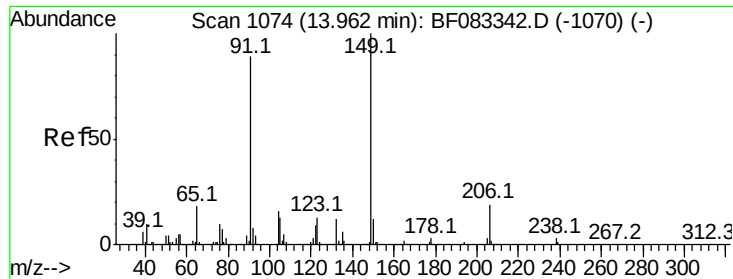


#78
Terphenyl-d14
Concen: 72.51 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	13.7	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: 39.24 ng

RT: 13.96 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

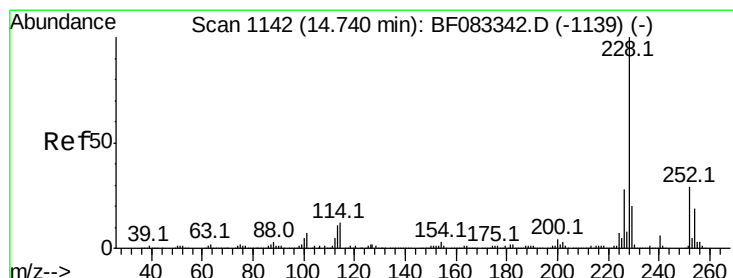
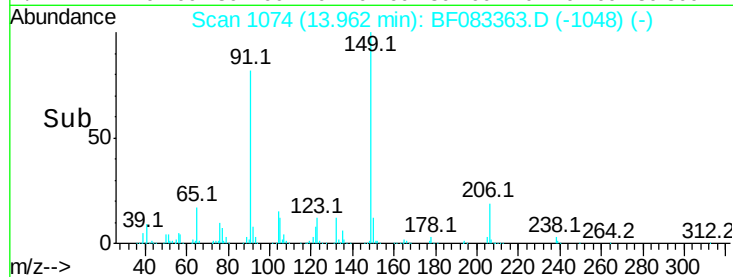
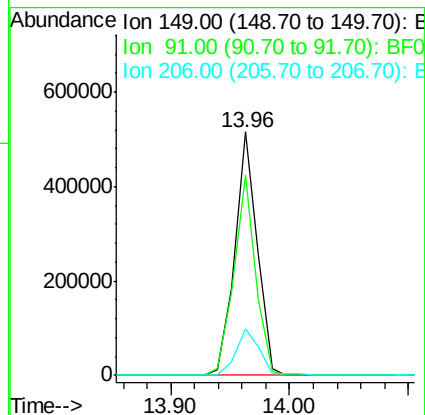
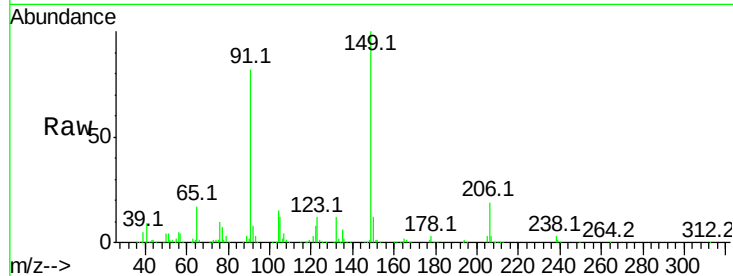
ClientSampleId :

PB86921BS

Tot Ion:	149	Resp:	675071
Ion Ratio	Lower	Upper	
149	100		
91	82.4	71.4	107.2
206	19.0	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 35.77 ng

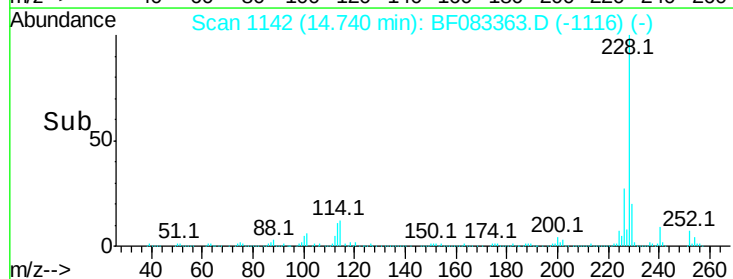
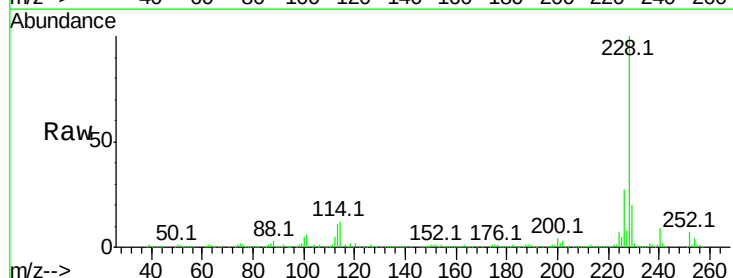
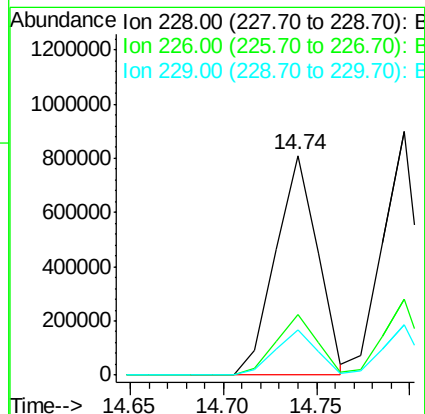
RT: 14.74 min Scan# 1142

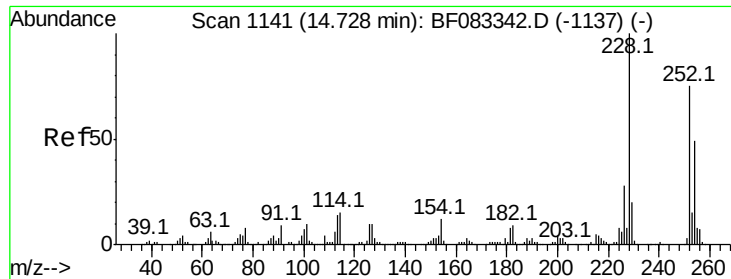
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion:	228	Resp:	1272395
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.4
229	20.3	16.1	24.1





#81

3,3'-Dichlorobenzidine

Concen: 20.54 ng

RT: 14.73 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

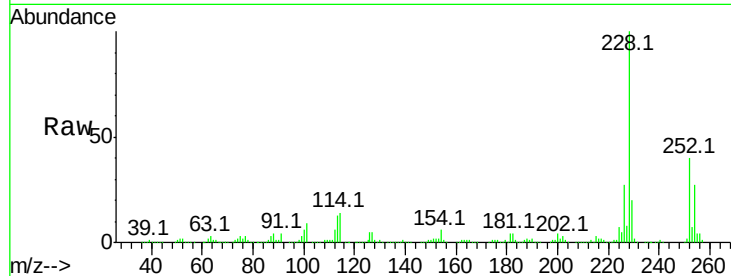
ClientSampled :

PB86921BS

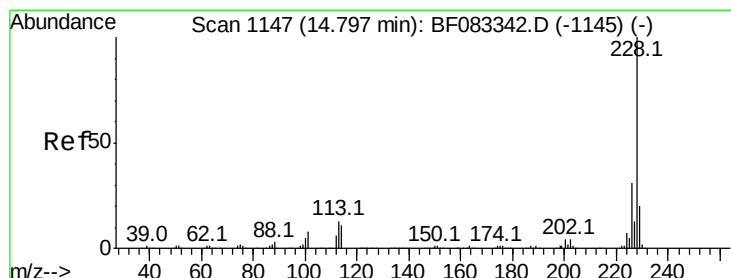
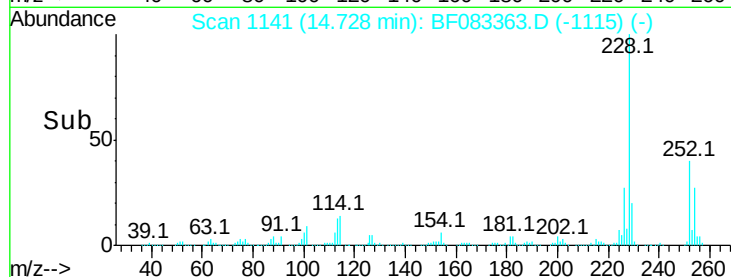
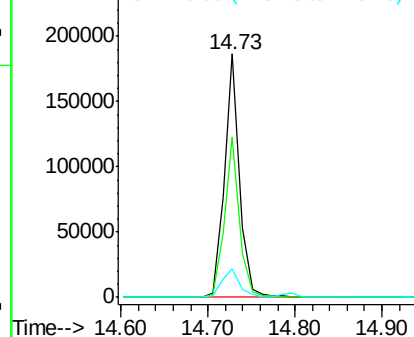
Tot Ion:	252	Resp:	228227
Ion Ratio	Lower	Upper	
252	100		
254	65.9	52.0	78.0
126	12.0	10.7	16.1

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.27 ng

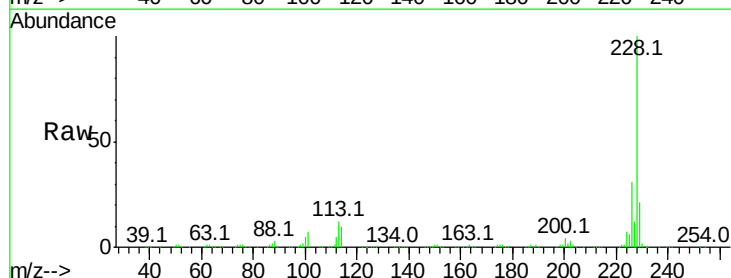
RT: 14.80 min Scan# 1147

Delta R.T. 0.00 min

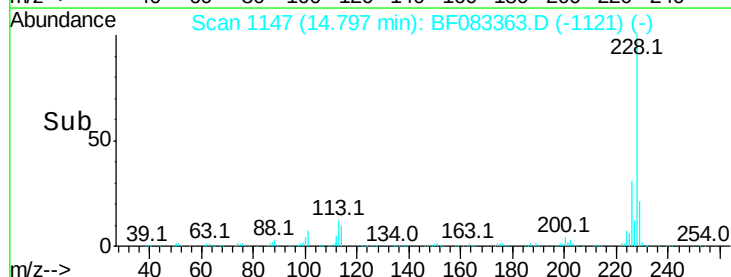
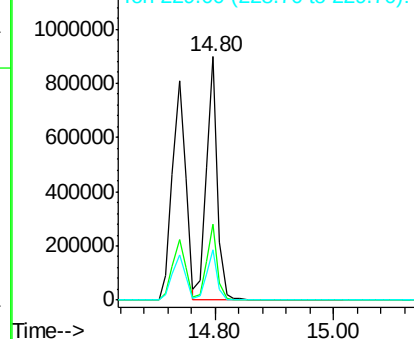
Lab File: BF083363.D

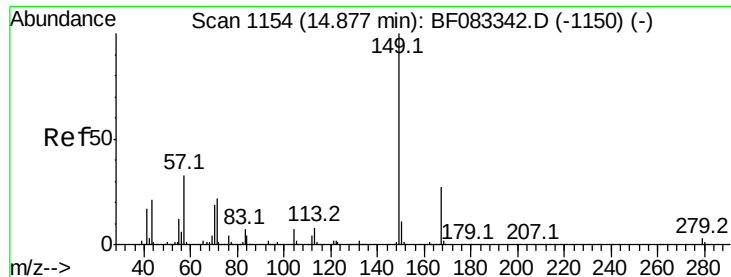
Acq: 1 Dec 2015 5:46

Tgt Ion:	228	Resp:	1177828
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.6	37.0
229	20.7	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





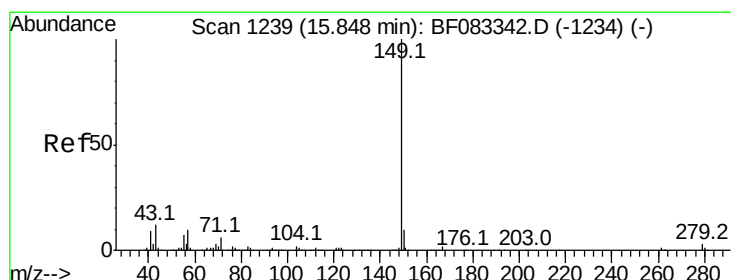
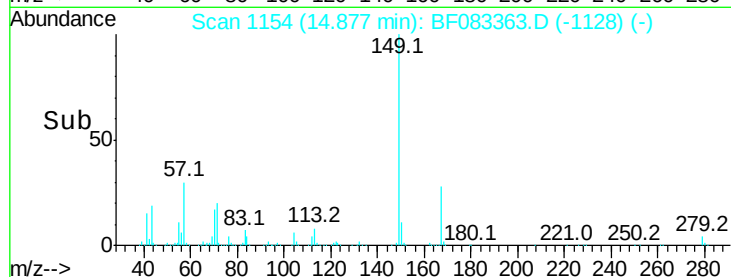
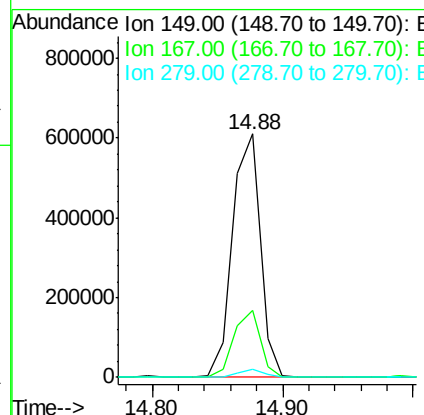
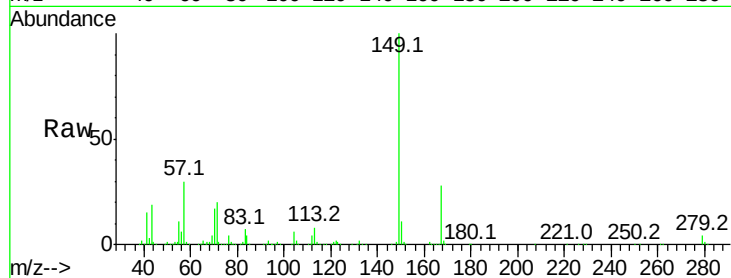
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.14 ng
 RT: 14.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.6	21.5	32.3	
279	3.6	2.6	3.8	

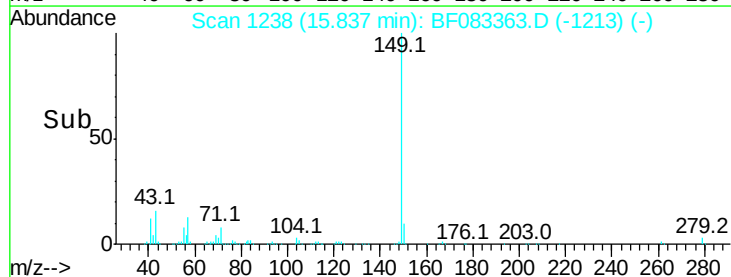
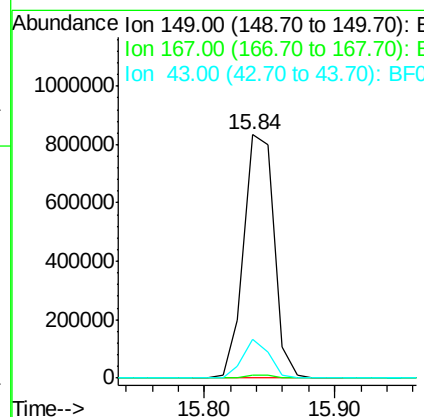
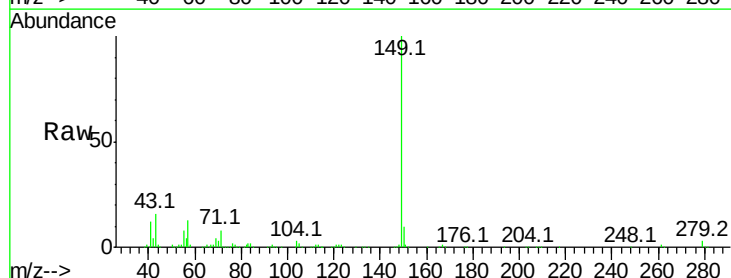
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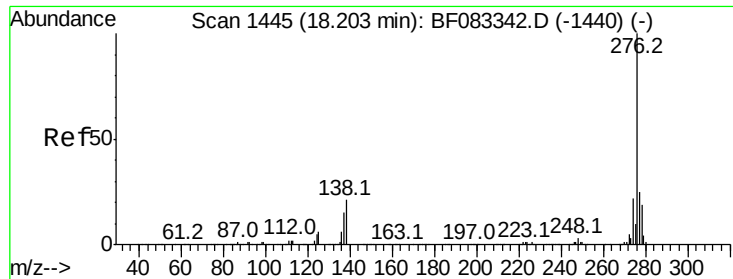
Mmdadoda
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#84
 Di-n-octyl phthalate
 Concen: 39.10 ng
 RT: 15.84 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	14.0	11.0	16.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.39 ng

RT: 18.19 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

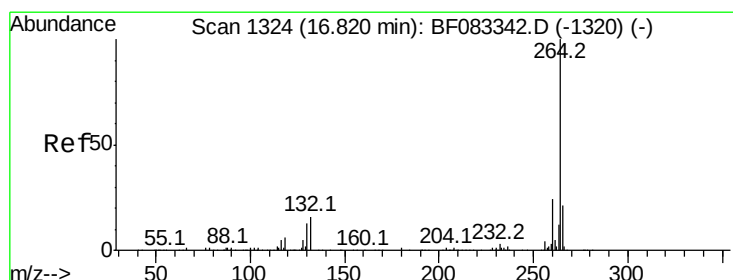
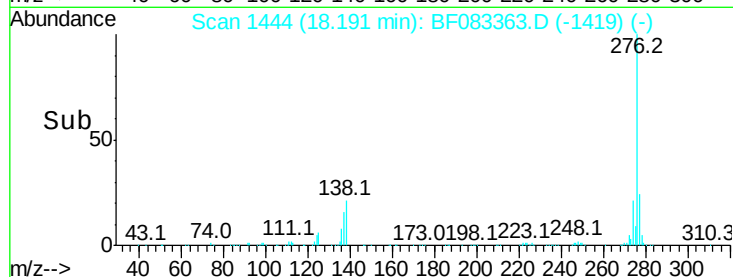
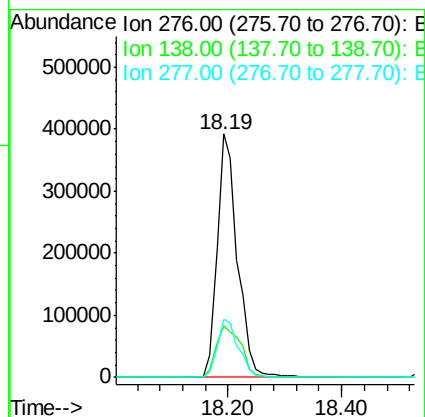
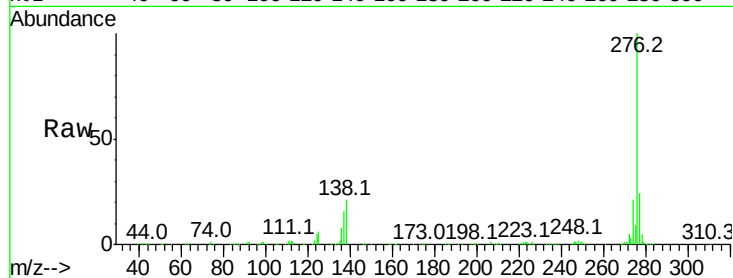
ClientSampleId :

PB86921BS

Tot Ion:	276	Resp:	960929
Ion Ratio		Lower	Upper
276	100		
138	26.3	21.2	31.8
277	25.0	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

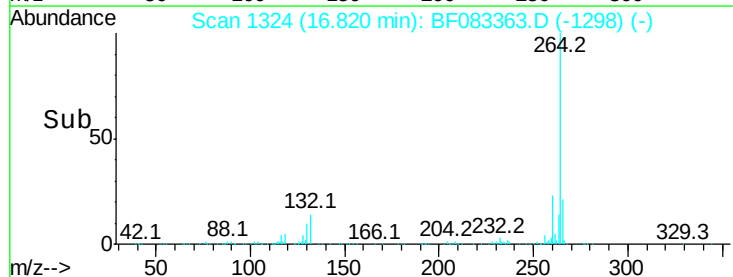
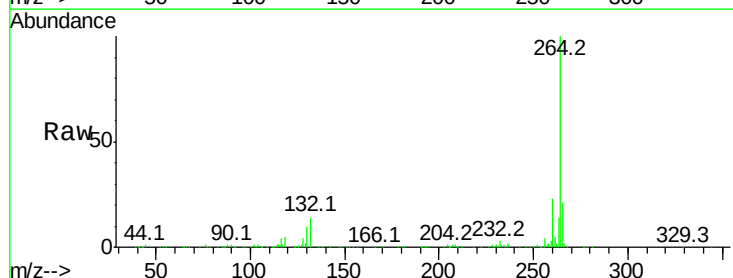
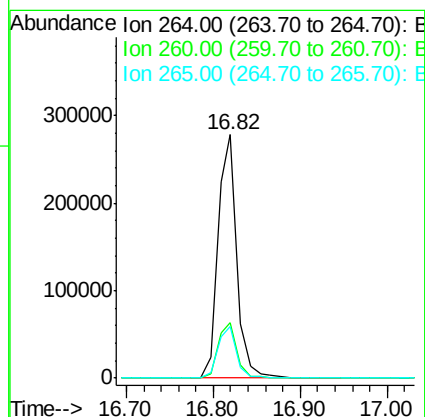
RT: 16.82 min Scan# 1324

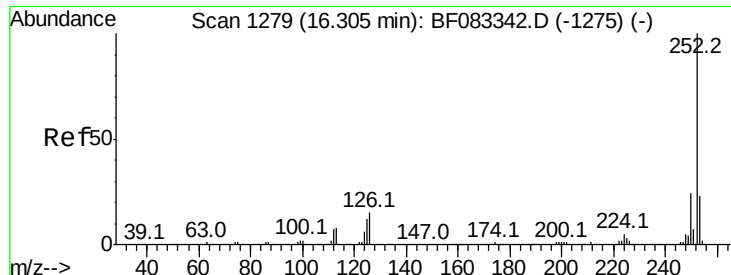
Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Tgt Ion:	264	Resp:	422105
Ion Ratio		Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.3	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 38.10 ng

RT: 16.31 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

Instrument :

BNA_F

ClientSampleId :

PB86921BS

Tot Ion:252 Resp: 1031929

Ion Ratio Lower Upper

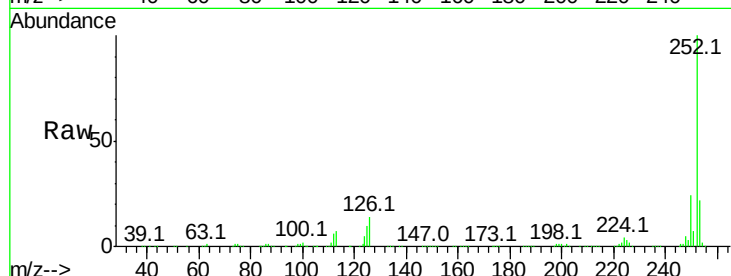
252 100

253 22.1 18.4 27.6

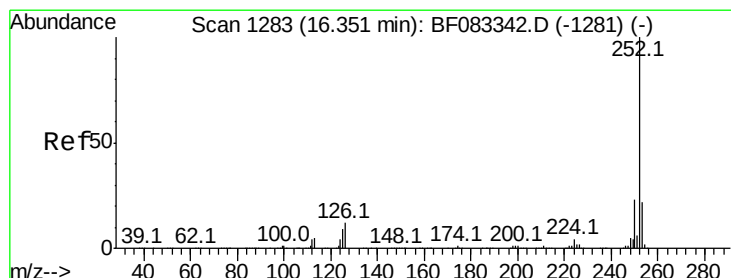
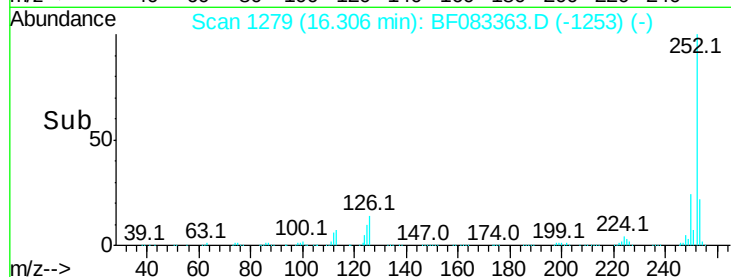
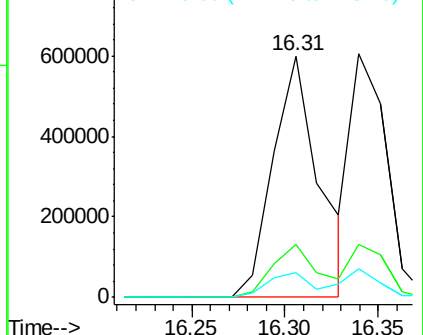
125 10.3 9.6 14.4

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



#88

Benzo(k)fluoranthene

Concen: 32.36 ng m

RT: 16.34 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF083363.D

Acq: 1 Dec 2015 5:46

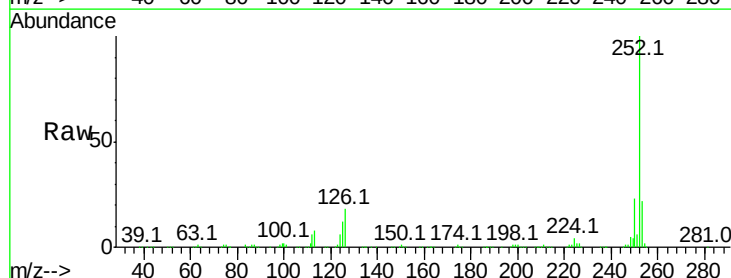
Tgt Ion:252 Resp: 827501

Ion Ratio Lower Upper

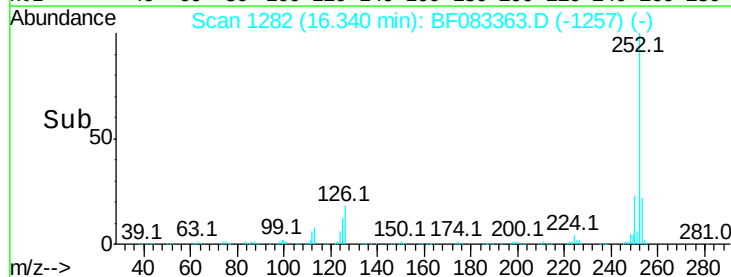
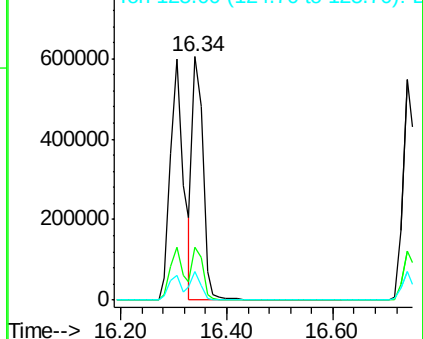
252 100

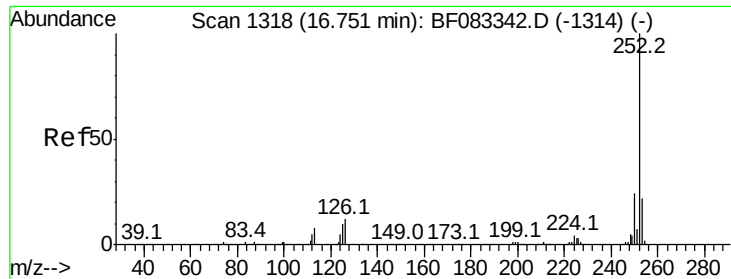
253 21.9 17.4 26.0

125 11.8 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





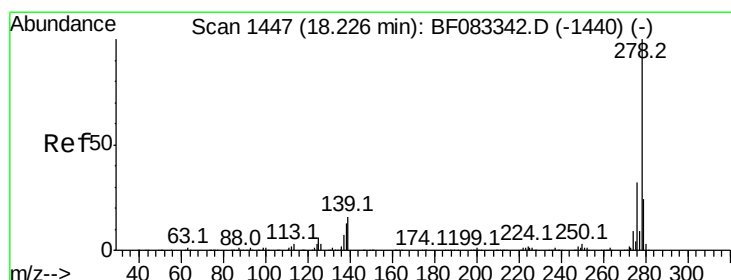
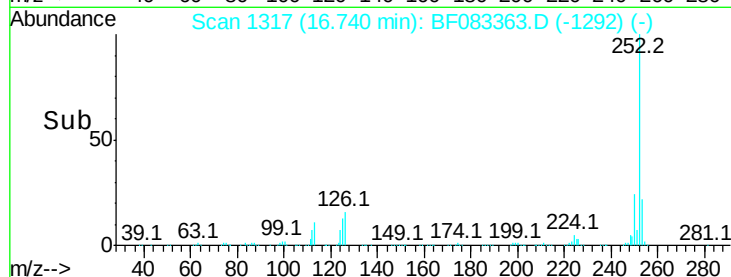
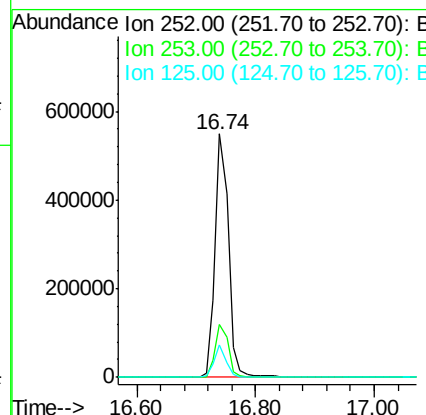
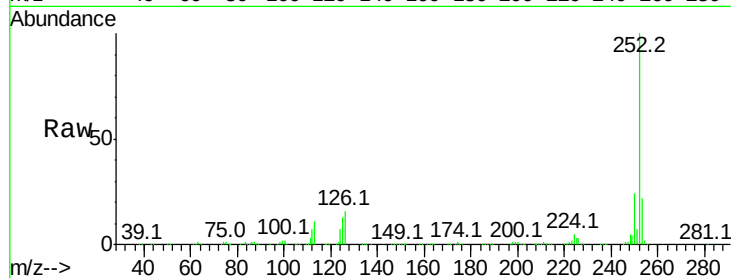
#89
Benzo(a)pyrene
Concen: 37.08 ng
RT: 16.74 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Instrument :
BNA_F
ClientSampleId :
PB86921BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.1	7.8	11.8

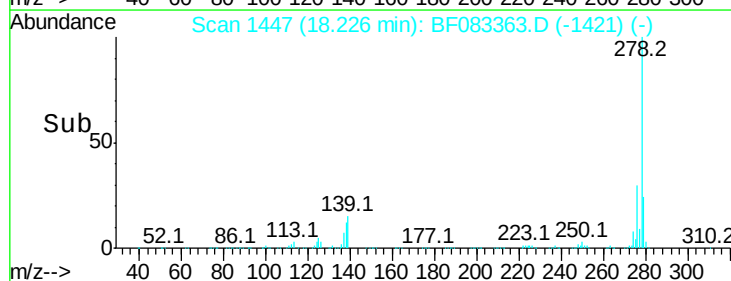
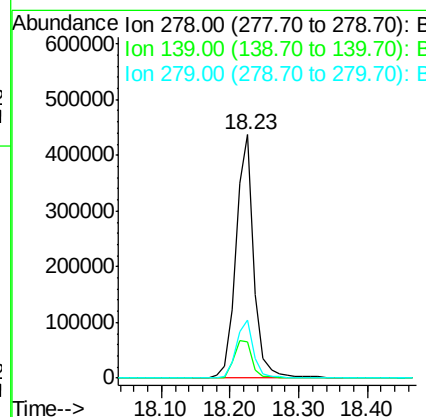
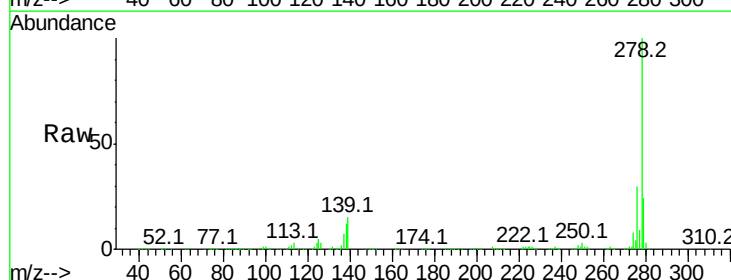
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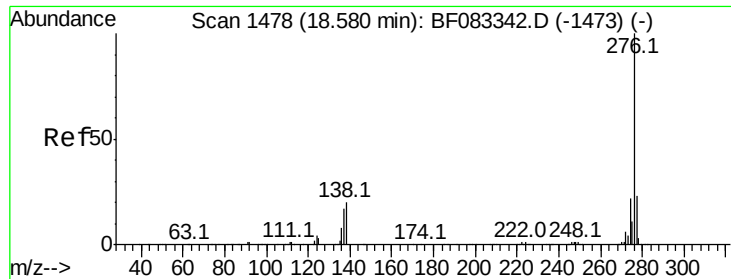
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#90
Dibenzo(a,h)anthracene
Concen: 39.48 ng
RT: 18.23 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF083363.D
Acq: 1 Dec 2015 5:46

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.8	13.1	19.7
279	24.1	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 41.30 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF083363.D
 Acq: 1 Dec 2015 5:46

Instrument :
 BNA_F
 ClientSampleId :
 PB86921BS

Tot Ion:	276	Resp:	821690
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	23.7	16.1	24.1

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