

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083354.D
 Acq On : 1 Dec 2015 1:12
 Operator : UM/IZ
 Sample : PB86847BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:01 PM

Quant Time: Dec 01 02:36:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	170748	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	641965	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	332953	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	649411	20.00	ng	0.00
75) Chrysene-d12	14.76	240	617899	20.00	ng	0.00
86) Perylene-d12	16.82	264	460563	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	839404	73.77	ng	0.01
7) Phenol-d6	6.21	99	1123090	72.11	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1078133	73.83	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	244244	73.08	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1696348	72.60	ng	0.00
78) Terphenyl-d14	13.22	244	1772014	68.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	151083	24.52	ng	# 81
3) Pyridine	2.65	79	475197	30.83	ng	94
4) n-Nitrosodimethylamine	2.60	42	241227	31.80	ng	99
6) Aniline	6.21	93	382189	17.94	ng	94
8) 2-Chlorophenol	6.34	128	455250	36.27	ng	98
9) Benzaldehyde	6.09	77	96753	10.36	ng	95
10) Phenol	6.24	94	590734	31.52	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	481558	35.33	ng	96
12) 1,3-Dichlorobenzene	6.49	146	479018	34.33	ng	98
13) 1,4-Dichlorobenzene	6.57	146	498098	34.54	ng	98
14) 1,2-Dichlorobenzene	6.72	146	432841m	32.72	ng	
15) Benzyl Alcohol	6.72	79	445307	36.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	846924	35.41	ng	# 43
17) 2-Methylphenol	6.84	107	379923	36.31	ng	95
18) Hexachloroethane	7.06	117	169353	33.81	ng	96
19) n-Nitroso-di-n-propylamine	6.98	70	360590	32.39	ng	89
20) 3+4-Methylphenols	7.00	107	521231	36.78	ng	99
22) Acetophenone	6.97	105	643912	33.52	ng	# 93
24) Nitrobenzene	7.14	77	513718	32.94	ng	# 88
25) Isophorone	7.39	82	967997	34.22	ng	97
26) 2-Nitrophenol	7.46	139	215605	33.87	ng	96
27) 2,4-Dimethylphenol	7.53	122	392724	36.80	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	611797	37.98	ng	99
29) 2,4-Dichlorophenol	7.71	162	376096	36.64	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	379461	33.97	ng	94
31) Naphthalene	7.86	128	1256549	36.07	ng	99
32) Benzoic acid	7.68	122	260124	35.34	ng	96
33) 4-Chloroaniline	7.93	127	203746	13.57	ng	99
34) Hexachlorobutadiene	7.98	225	220473	34.76	ng	99
35) Caprolactam	8.29	113	127697m	39.38	ng	
36) 4-Chloro-3-methylphenol	8.43	107	436027	37.88	ng	93
37) 2-Methylnaphthalene	8.54	142	797635	34.26	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	354638	33.60	ng	97
40) Hexachlorocyclopentadiene	8.70	237	360310	71.87	ng	100

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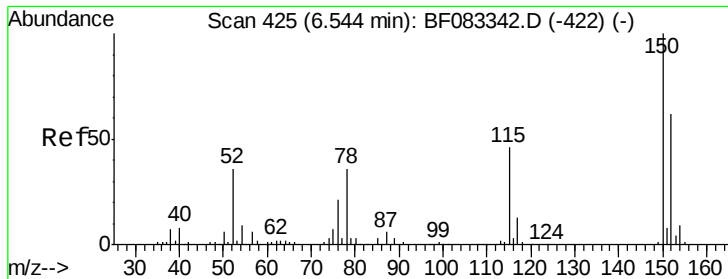
Manual Integrations
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Quant Time: Dec 01 02:36:06 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	262398	35.44	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	284924	37.14	ng	95
45) 1,1'-Biphenyl	9.01	154	960917	32.91	ng	95
46) 2-Chloronaphthalene	9.04	162	801276	36.01	ng	99
47) 2-Nitroaniline	9.15	65	308940	35.06	ng	94
48) Acenaphthylene	9.45	152	1229617	34.65	ng	99
49) Dimethylphthalate	9.33	163	927180	34.27	ng	99
50) 2,6-Dinitrotoluene	9.39	165	219797	38.04	ng	94
51) Acenaphthene	9.62	154	740944	35.49	ng	99
52) 3-Nitroaniline	9.56	138	120863	17.84	ng	83
53) 2,4-Dinitrophenol	9.66	184	234010	67.10	ng	90
54) Dibenzofuran	9.79	168	1071504	35.03	ng	99
55) 4-Nitrophenol	9.76	139	341191	80.54	ng	# 70
56) 2,4-Dinitrotoluene	9.79	165	264725	36.10	ng	98
57) Fluorene	10.13	166	871095	36.06	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	226933	36.67	ng	95
59) Diethylphthalate	10.03	149	912882	35.40	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	425792	38.36	ng	99
61) 4-Nitroaniline	10.18	138	225817	33.32	ng	92
62) Azobenzene	10.29	77	1193753	38.31	ng	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	172822	39.63	ng	86
65) n-Nitrosodiphenylamine	10.26	169	819265	35.90	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	255330	35.94	ng	98
67) Hexachlorobenzene	10.70	284	275460	35.07	ng	98
68) Atrazine	10.82	200	244275	38.70	ng	97
69) Pentachlorophenol	10.92	266	314030	76.32	ng	97
70) Phenanthrene	11.16	178	1389959	36.17	ng	99
71) Anthracene	11.22	178	1439970	37.22	ng	99
72) Carbazole	11.41	167	1288045	37.05	ng	99
73) Di-n-butylphthalate	11.86	149	1516095	36.80	ng	100
74) Fluoranthene	12.66	202	1444056	36.25	ng	99
76) Benzidine	12.87	184	382605	20.79	ng	97
77) Pyrene	12.97	202	1496792	34.69	ng	97
79) Butylbenzylphthalate	13.96	149	649467	35.48	ng	97
80) Benzo(a)anthracene	14.74	228	1382416	36.52	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	288270	24.38	ng	98
82) Chrysene	14.80	228	1218340	33.31	ng	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	898683	36.60	ng	100
84) Di-n-octyl phthalate	15.85	149	1425116	38.97	ng	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	888286	33.35	ng	99
87) Benzo(b)fluoranthene	16.31	252	1124309	38.05	ng	99
88) Benzo(k)fluoranthene	16.35	252	989853	35.47	ng	98
89) Benzo(a)pyrene	16.75	252	970725	38.24	ng	99
90) Dibenzo(a,h)anthracene	18.23	278	767666	34.71	ng	97
91) Benzo(g,h,i)perylene	18.57	276	734849	33.85	ng	96

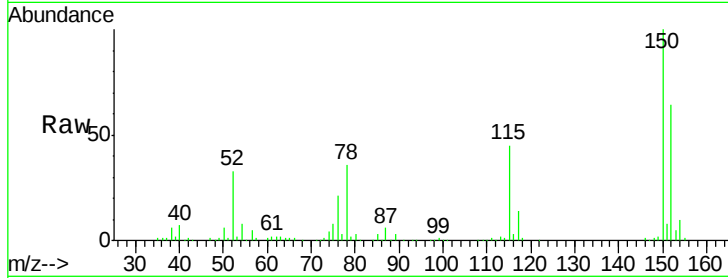
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

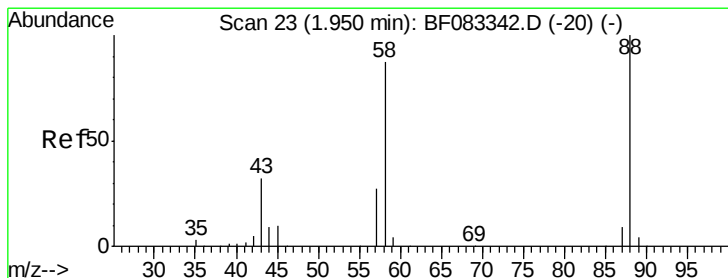
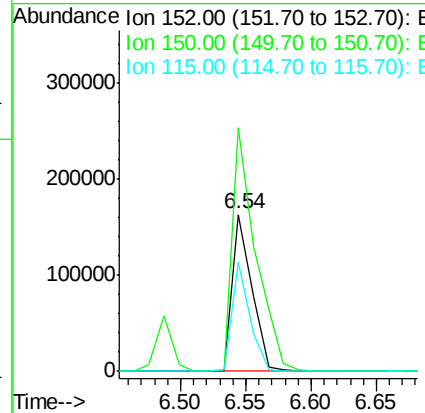
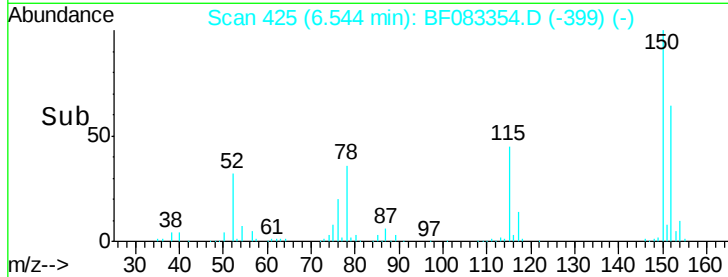
Instrument :
BNA_F
ClientSampleId :
PB86847BS



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	170748		
150	155.1	129.8	194.8	
115	69.2	59.2	88.8	

Manual Integrations
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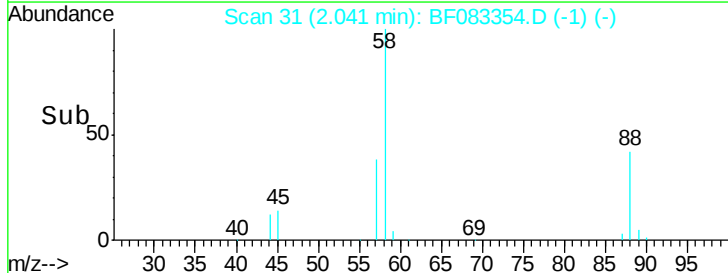
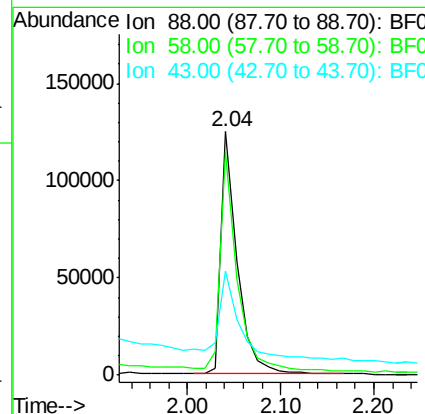
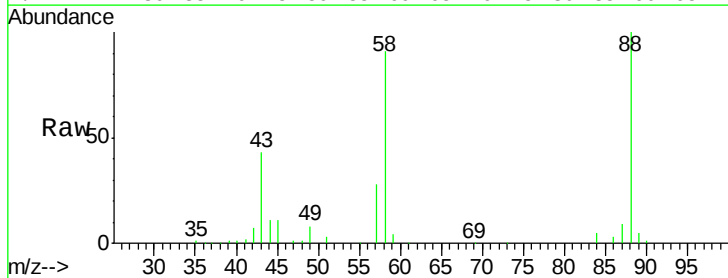
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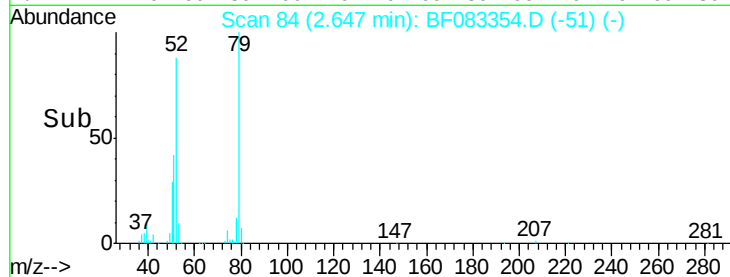
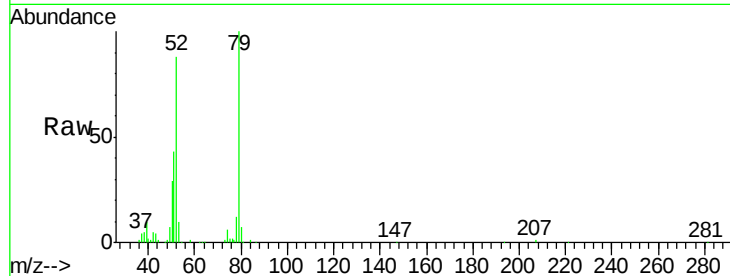
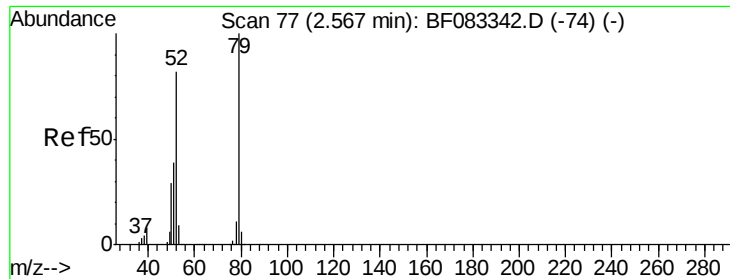


#2

1,4-Dioxane
Concen: 24.52 ng
RT: 2.04 min Scan# 31
Delta R.T. 0.09 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	151083		
58	97.3	66.6	100.0	
43	50.2	27.1	40.7#	





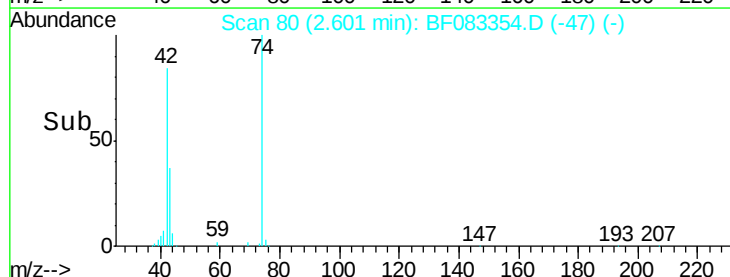
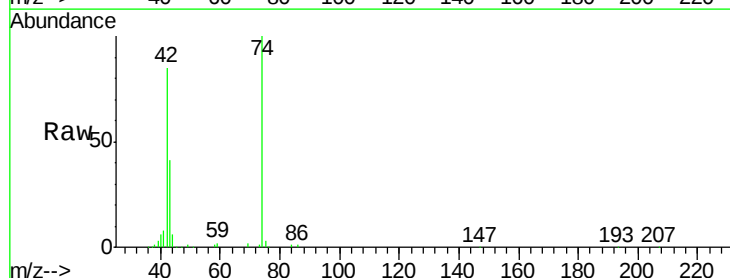
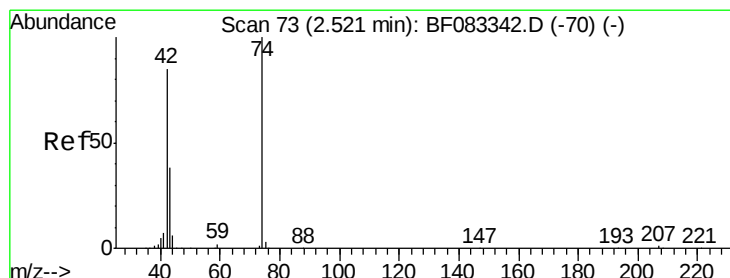
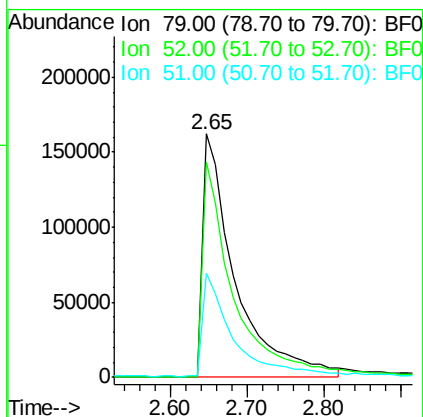
#3
Pyridine
Concen: 30.83 ng
RT: 2.65 min Scan# 84
Delta R.T. 0.08 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Lower	Upper
79	100		
52	88.3	65.9	98.9
51	42.5	32.3	48.5

Instrument :
BNA_F
ClientSampleId :
PB86847BS

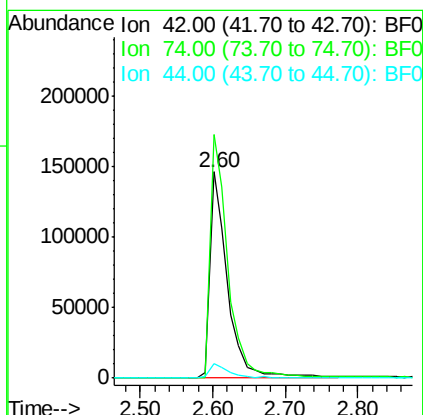
Manual Integrations
APPROVED

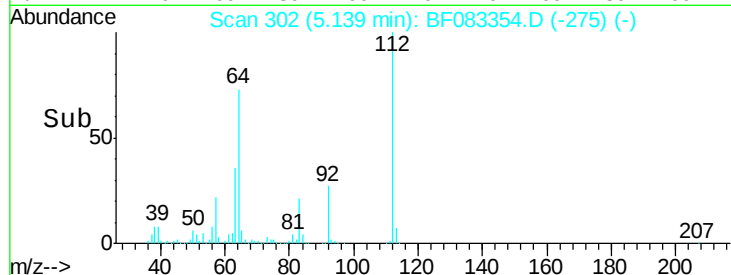
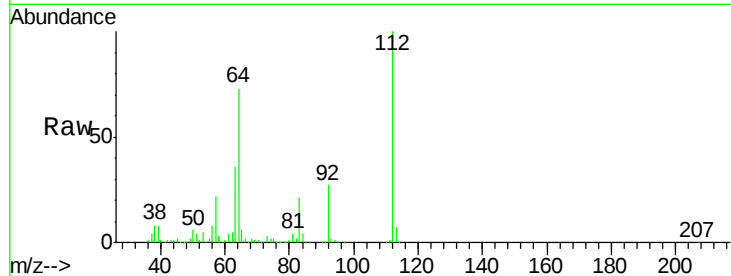
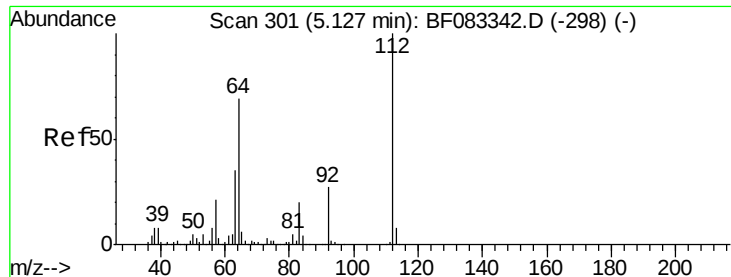
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12/1/2015 6:35:01 PM



#4
n-Nitrosodimethylamine
Concen: 31.80 ng
RT: 2.60 min Scan# 80
Delta R.T. 0.08 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.2	93.7	140.5
44	7.3	5.6	8.4





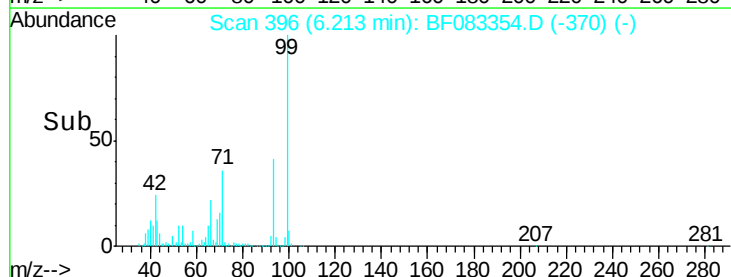
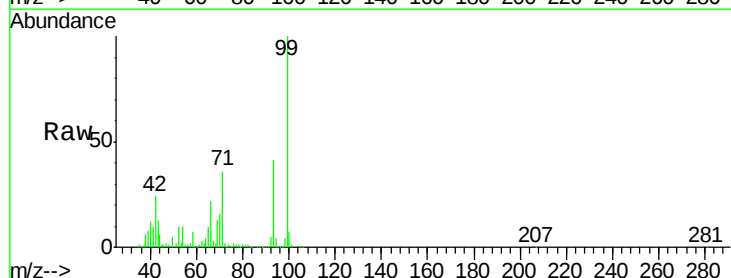
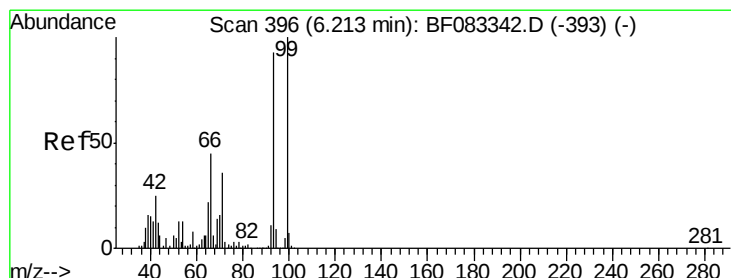
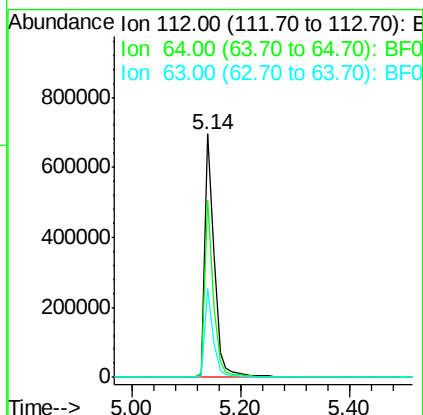
#5
2-Fluorophenol
Concen: 73.77 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	839404		
64	72.7	55.6	83.4	
63	36.3	28.2	42.2	

Instrument :
BNA_F
ClientSampleId :
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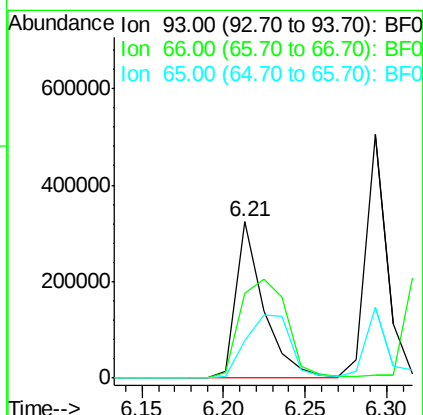
Manual Integrations
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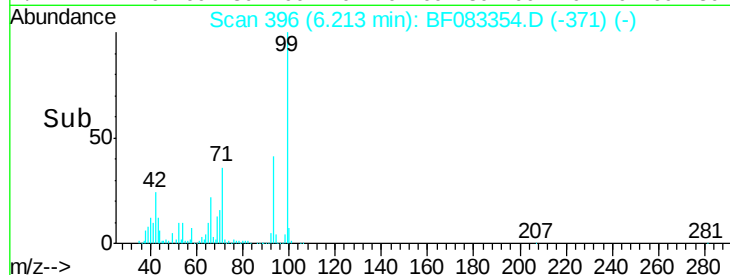
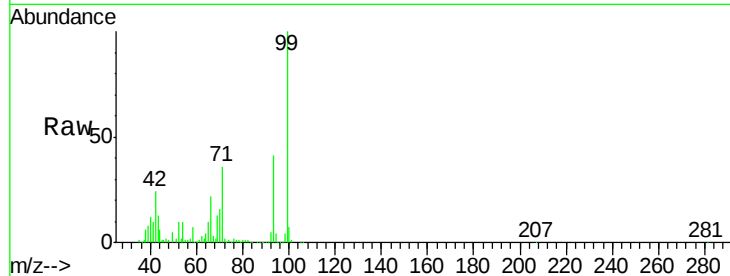
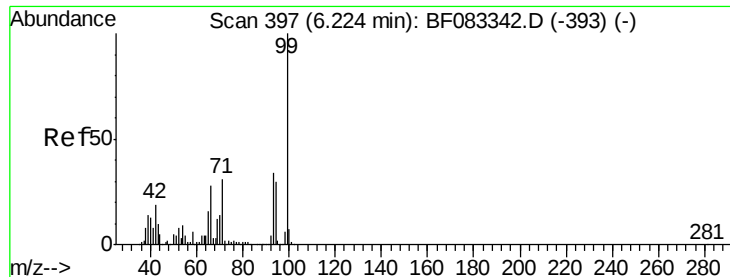
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12/1/2015 6:35:01 PM



#6
Aniline
Concen: 17.94 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	382189		
66	54.1	38.7	58.1	
65	24.3	19.0	28.6	





#7

Phenol-d6

Concen: 72.11 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Tgt Ion: 99 Resp: 1123090

Ion Ratio Lower Upper

99 100

42 23.9 14.9 22.3#

71 35.5 24.7 37.1

Instrument :

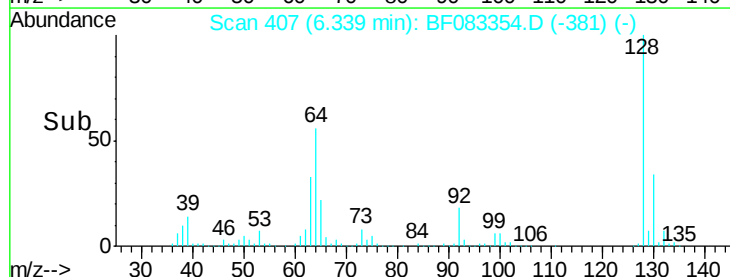
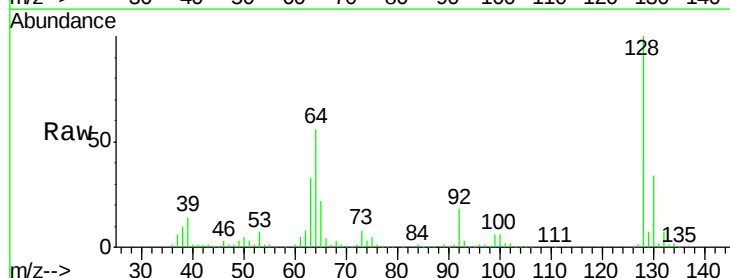
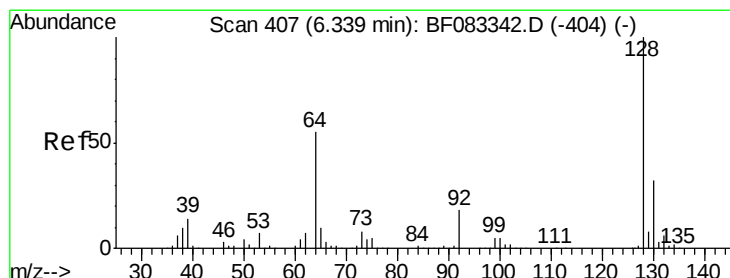
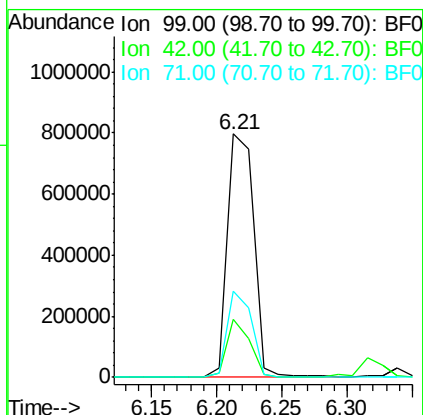
BNA_F

ClientSampleId :

PB86847BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.27 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

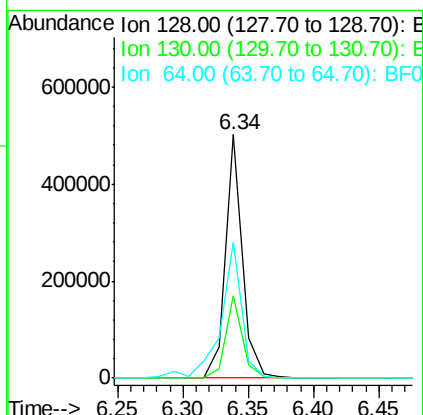
Tgt Ion: 128 Resp: 455250

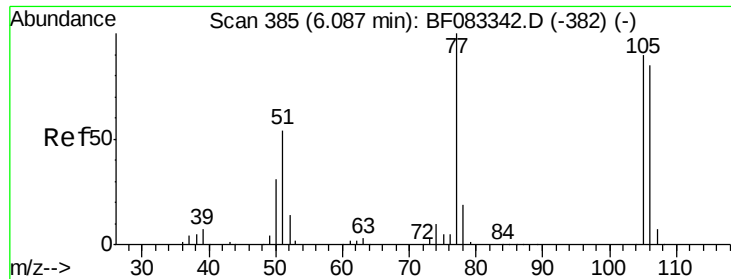
Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

64 55.7 36.4 76.4





#9

Benzaldehyde

Concen: 10.36 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083354.D

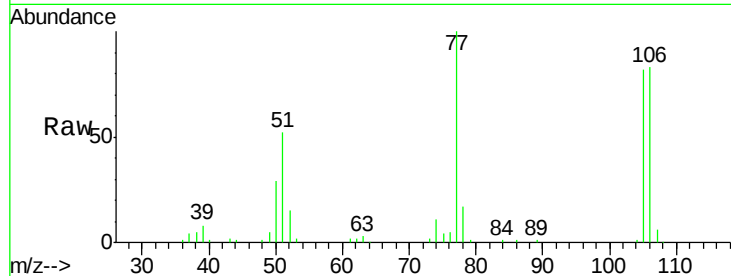
Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

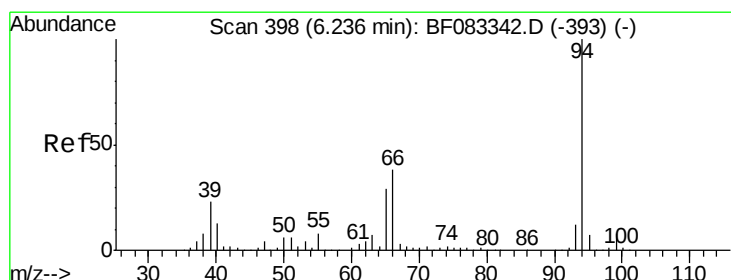
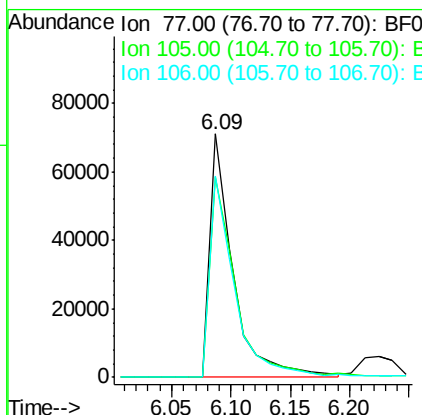
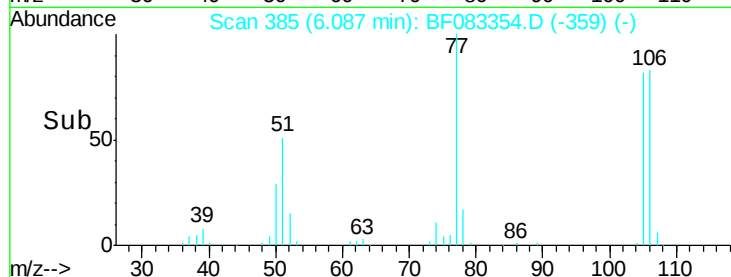
PB86847BS



Tgt Ion:	77	Resp:	96753
Ion	Ratio	Lower	Upper
77	100		
105	82.3	70.0	110.0
106	82.6	65.0	105.0

Manual Integrations
APPROVED

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12/1/2015 6:35:01 PM



#10

Phenol

Concen: 31.52 ng

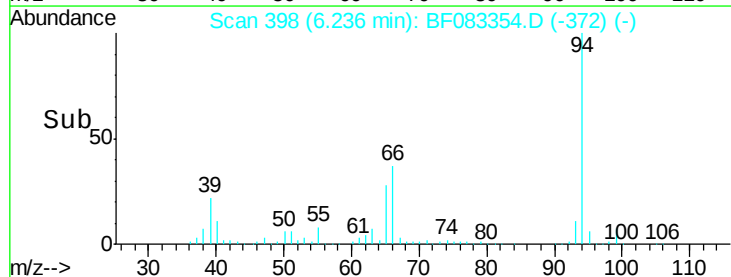
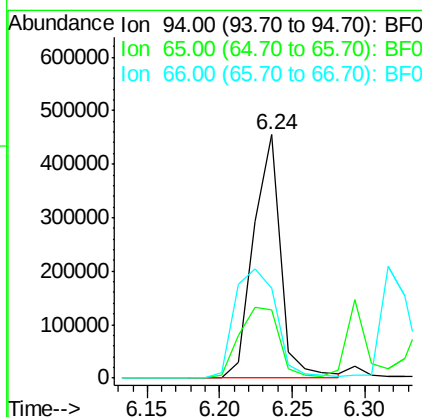
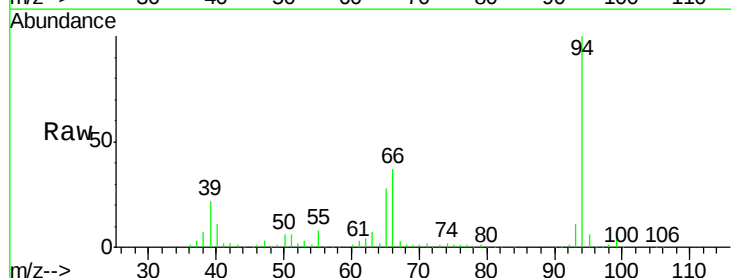
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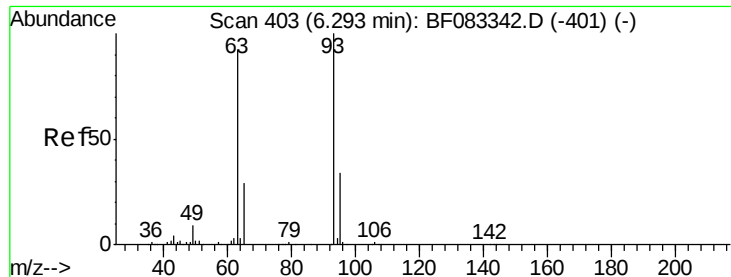
Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Tgt Ion:	94	Resp:	590734
Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.5	49.5
66	37.1	17.9	57.9





#11

bis(2-Chloroethyl)ether

Concen: 35.33 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

Tgt Ion: 93 Resp: 481558
Ion Ratio Lower Upper

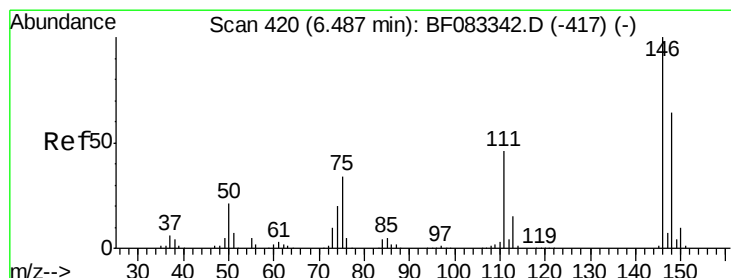
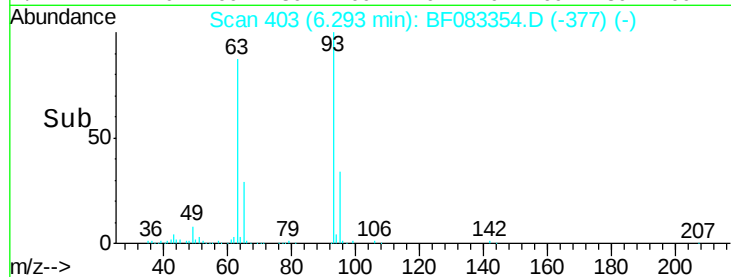
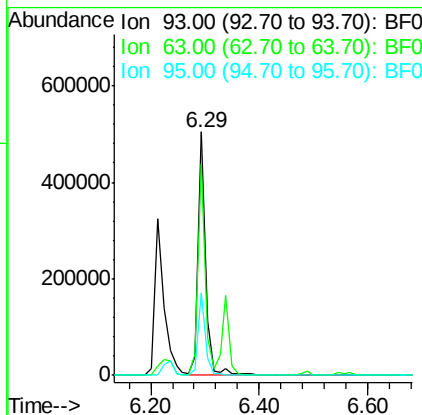
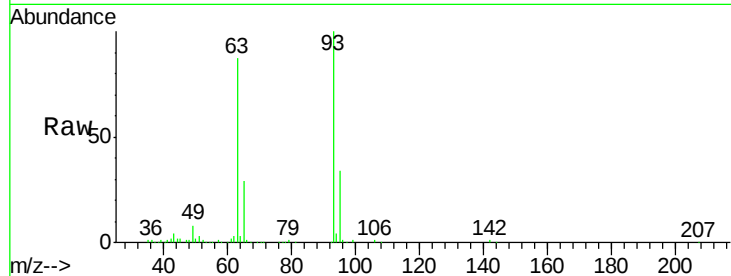
93 100

63 87.0 71.4 111.4

95 33.6 13.4 53.4

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#12

1,3-Dichlorobenzene

Concen: 34.33 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083354.D

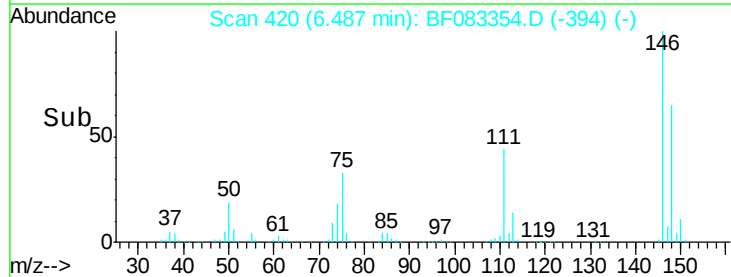
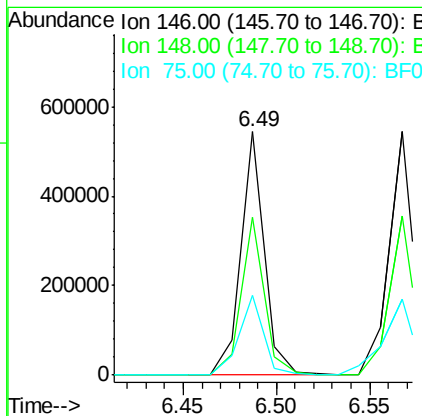
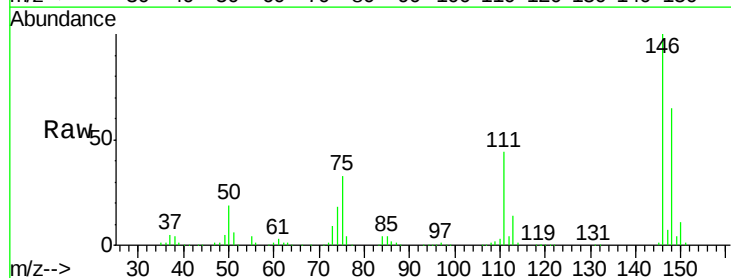
Acq: 1 Dec 2015 1:12

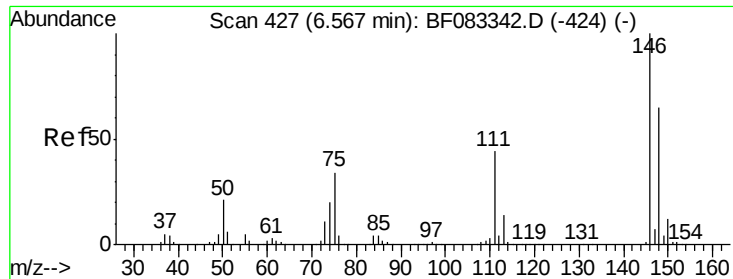
Tgt Ion: 146 Resp: 479018
Ion Ratio Lower Upper

146 100

148 65.0 51.1 76.7

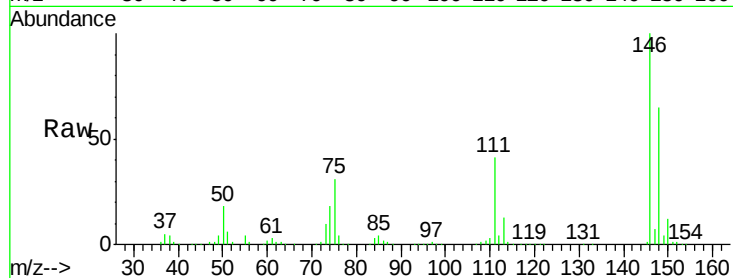
75 32.7 27.5 41.3





#13
 1,4-Dichlorobenzene
 Concen: 34.54 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

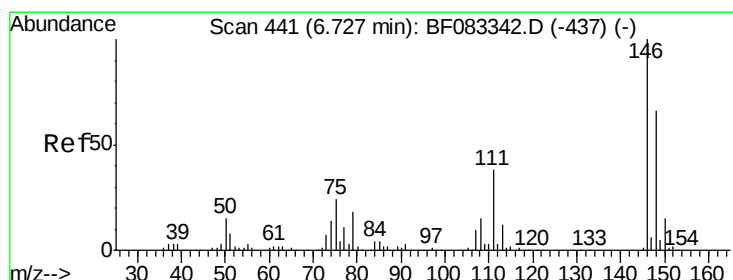
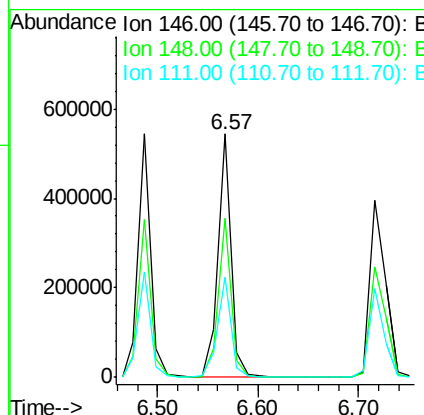
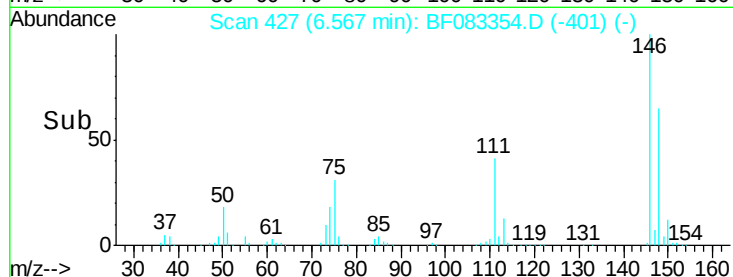
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.3	52.1	78.1
111	41.2	35.4	53.0

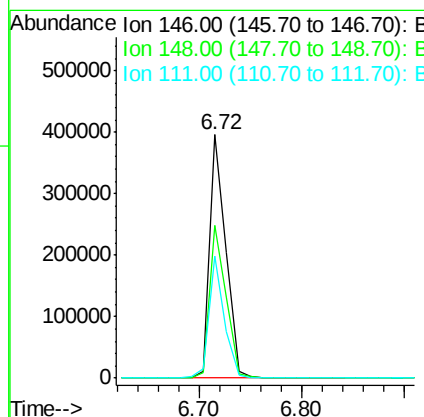
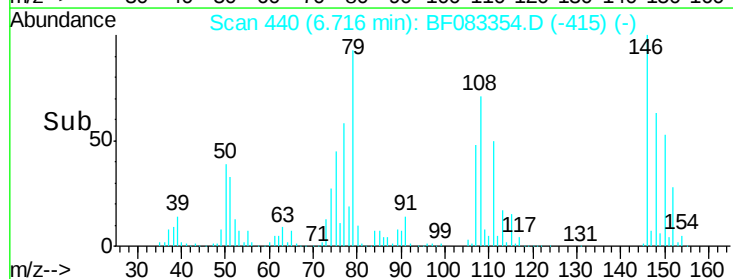
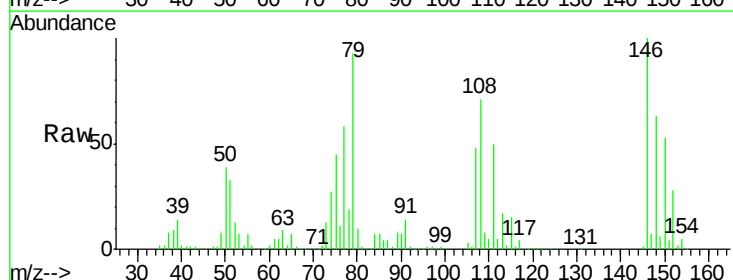
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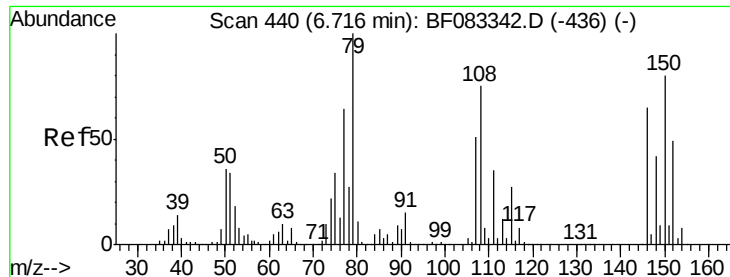
Mmdadoda
 12/1/2015 6:35:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.72 ng m
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.6	52.5	78.7
111	50.0	30.6	46.0





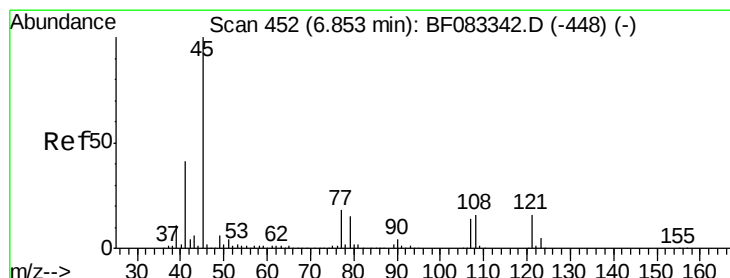
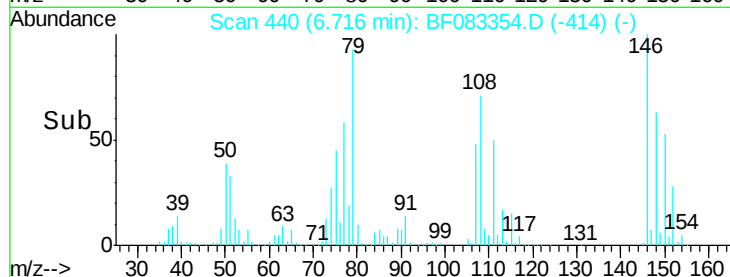
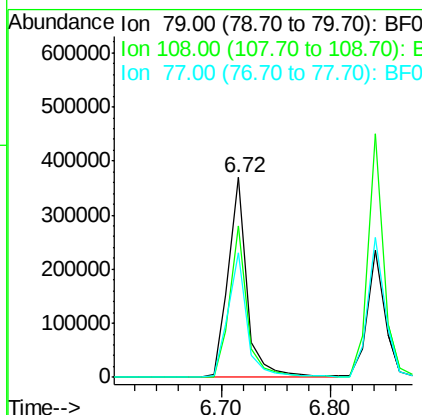
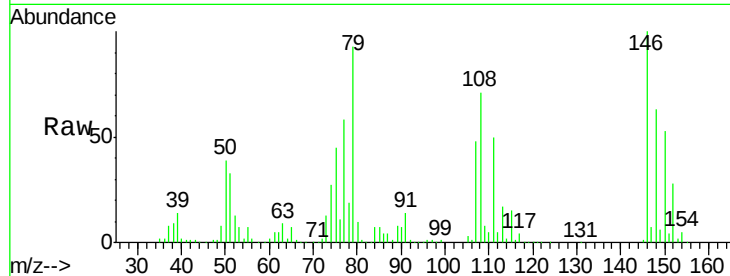
#15
Benzyl Alcohol
Concen: 36.99 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion: 79 Resp: 445307
Ion Ratio Lower Upper
79 100
108 75.7 59.9 89.9
77 62.5 51.0 76.6

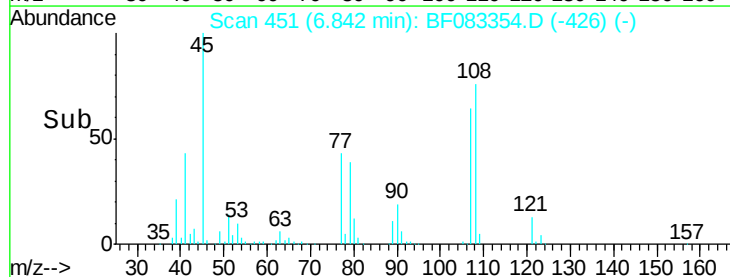
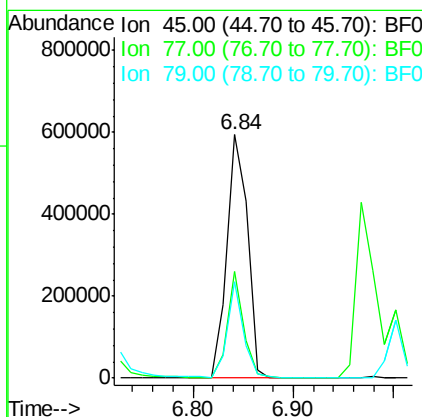
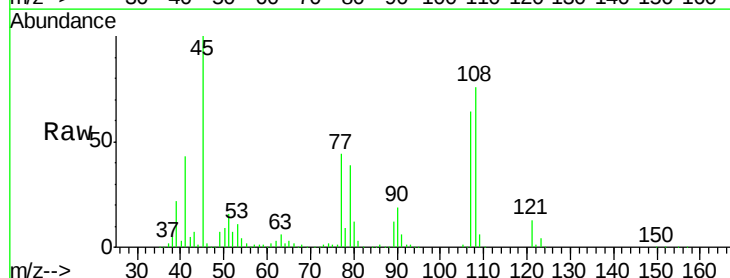
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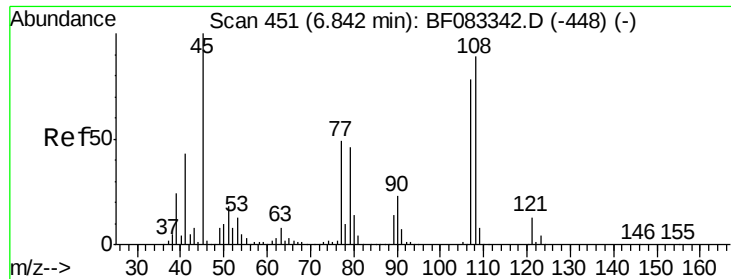
Mmdadoda
12/1/2015 6:35:01 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.41 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion: 45 Resp: 846924
Ion Ratio Lower Upper
45 100
77 43.6 0.0 38.3#
79 39.5 0.0 35.4#





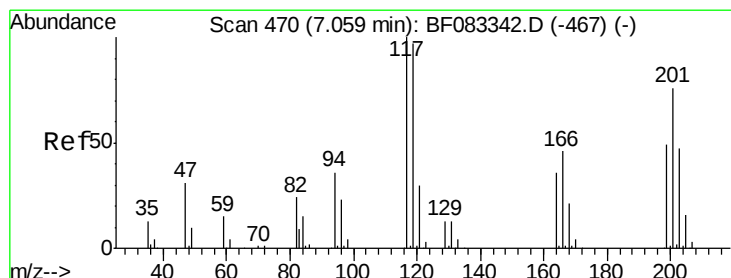
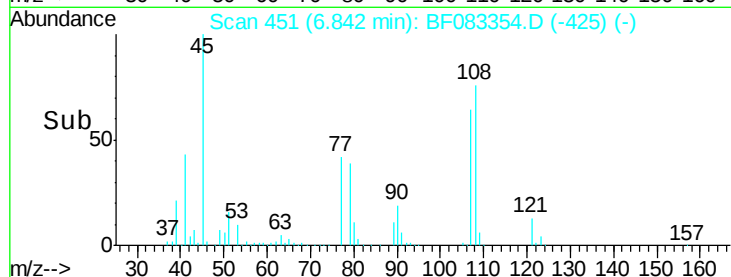
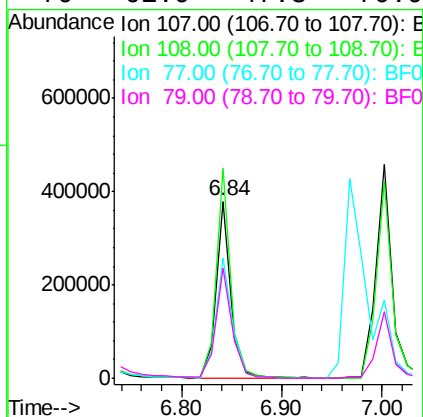
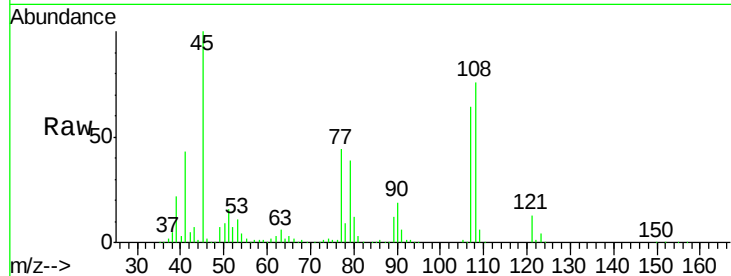
#17
2-Methylphenol
Concen: 36.31 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	379923		
108	118.7	91.6	137.4	
77	68.3	49.9	74.9	
79	61.9	47.3	70.9	

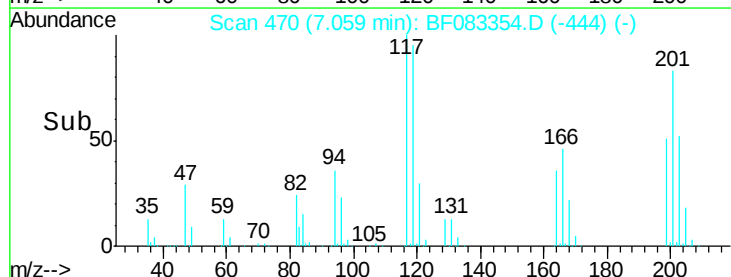
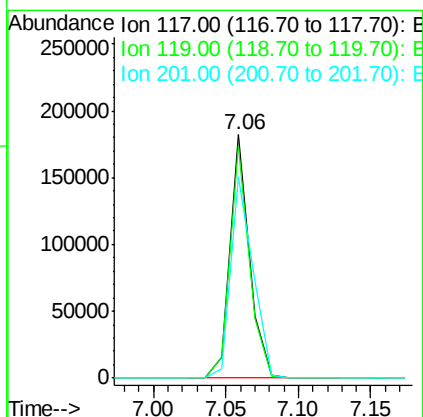
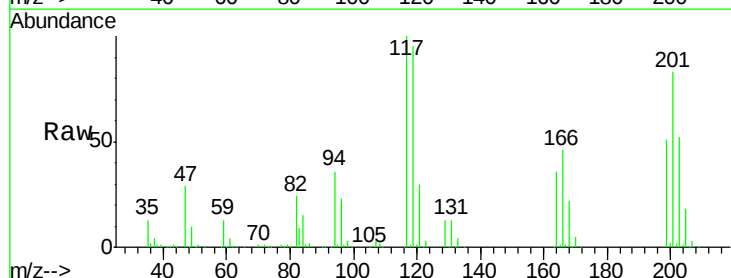
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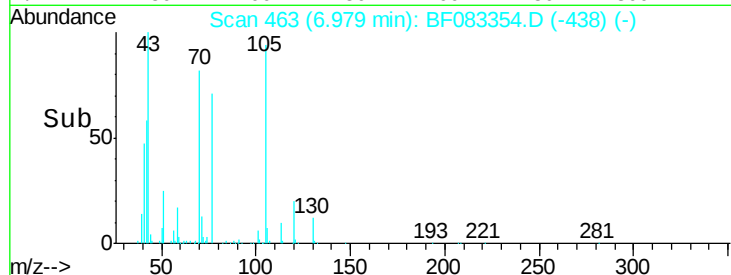
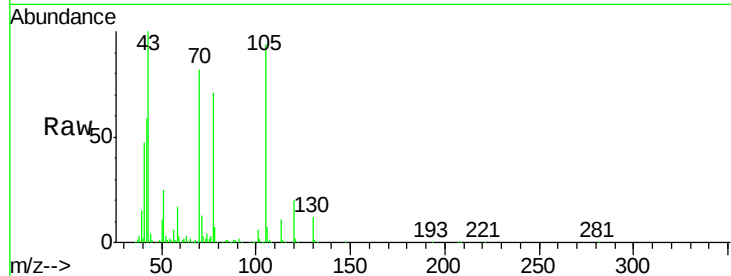
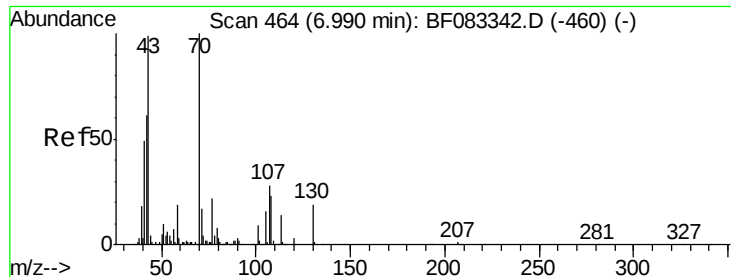
Mmdadoda
12/1/2015 6:35:01 PM



#18
Hexachloroethane
Concen: 33.81 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169353		
119	95.3	77.3	115.9	
201	82.5	60.6	90.8	





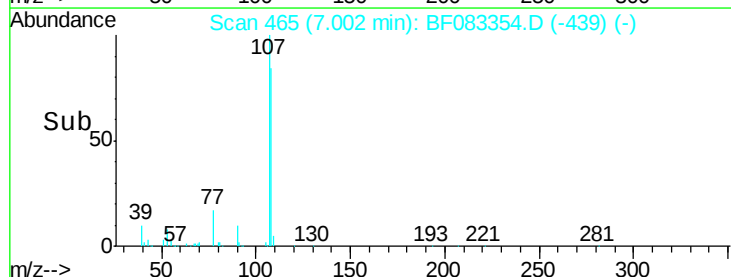
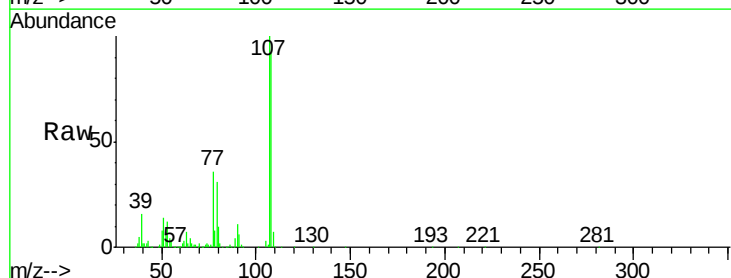
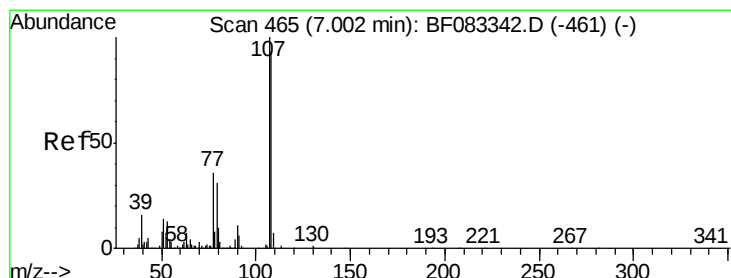
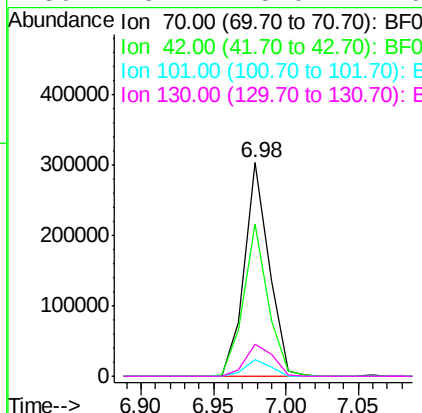
#19
n-Nitroso-di-n-propylamine
Concen: 32.39 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

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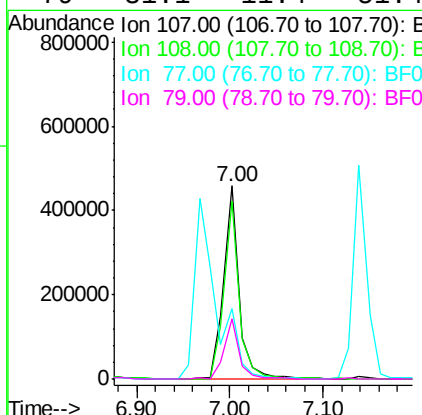
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12/1/2015 6:35:01 PM

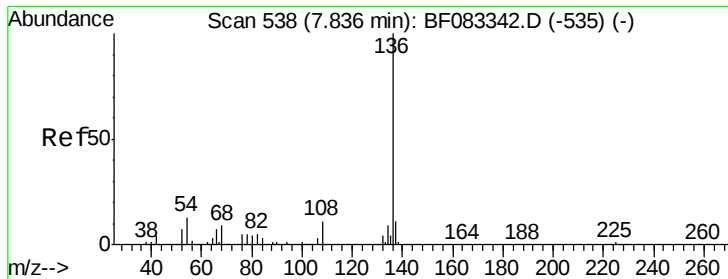
Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.3	48.8	73.2
101	7.9	7.1	10.7
130	15.1	15.0	22.6



#20
3+4-Methylphenols
Concen: 36.78 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.0	113.0
77	36.3	16.8	56.8
79	31.1	11.4	51.4





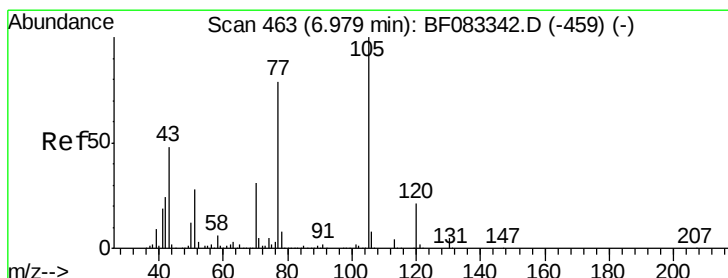
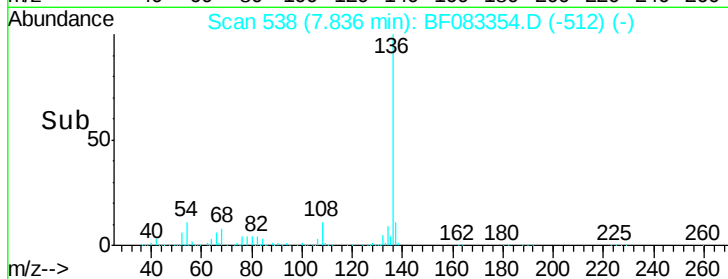
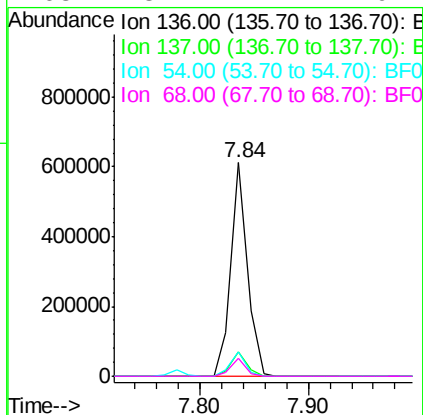
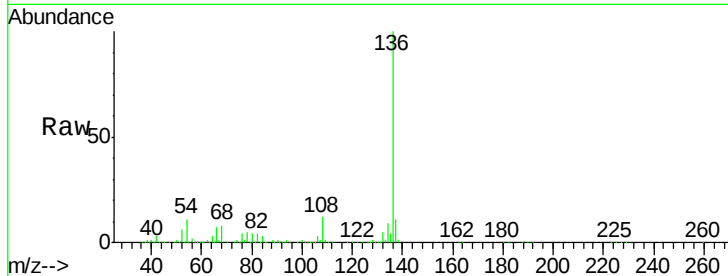
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	9.0	13.4
54	11.4	10.1	15.1
68	8.2	7.1	10.7

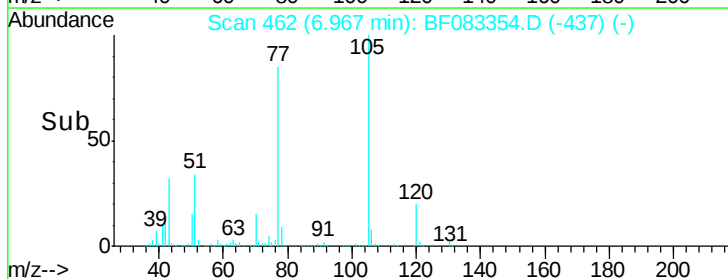
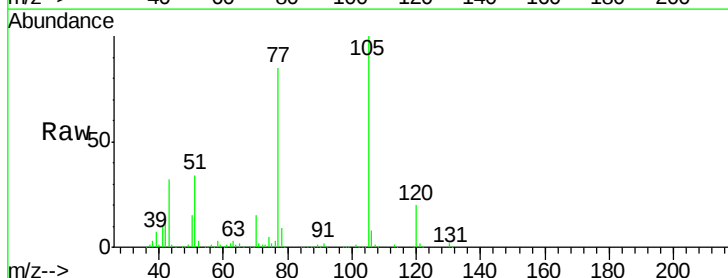
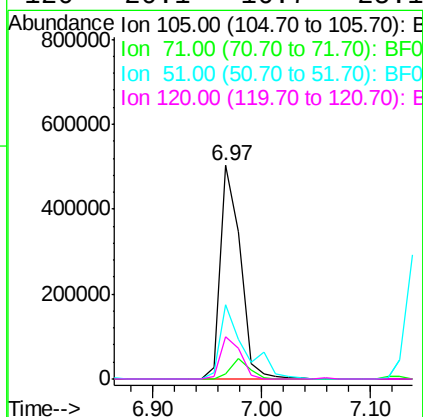
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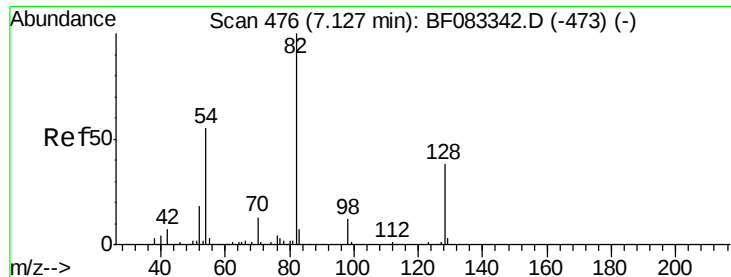
Mmdadoda
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#22
Acetophenone
Concen: 33.52 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	2.4	4.3	6.5#
51	34.5	22.9	34.3#
120	20.1	16.7	25.1





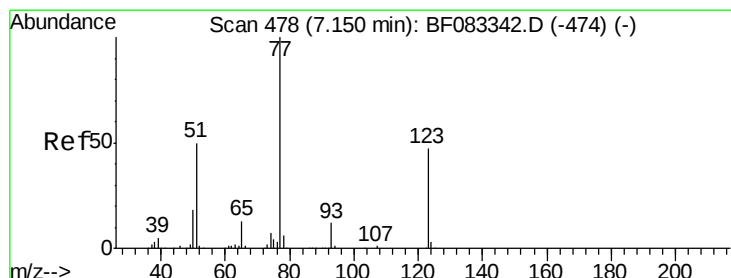
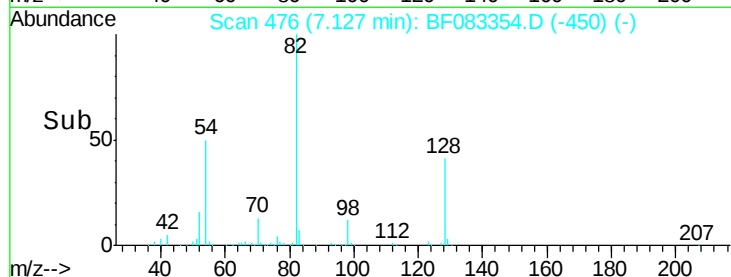
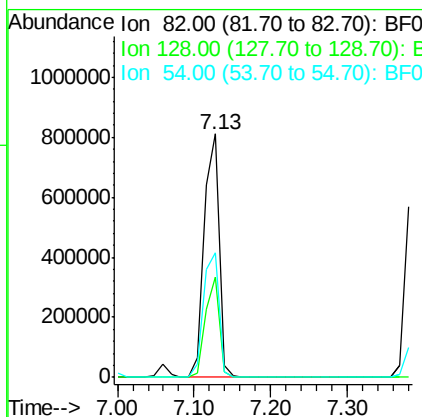
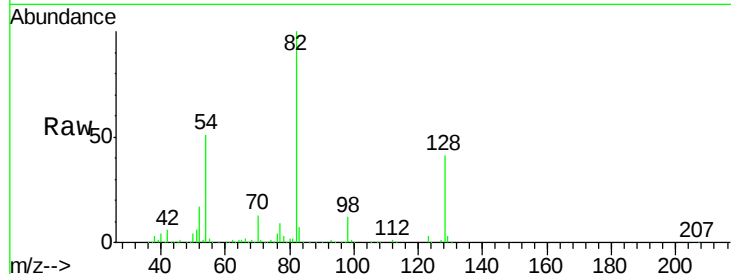
#23
 Nitrobenzene-d5
 Concen: 73.83 ng
 RT: 7.13 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion: 82 Resp: 1078133
 Ion Ratio Lower Upper
 82 100
 128 41.1 30.6 46.0
 54 51.0 43.8 65.6

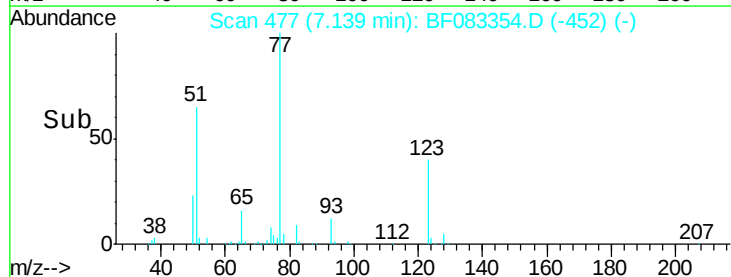
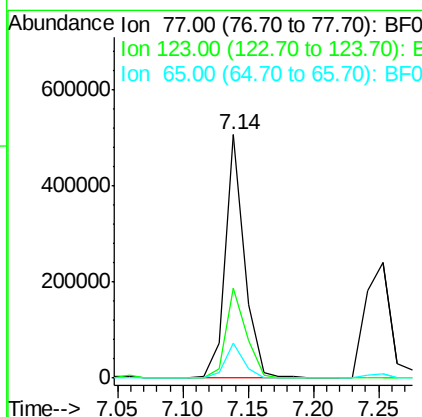
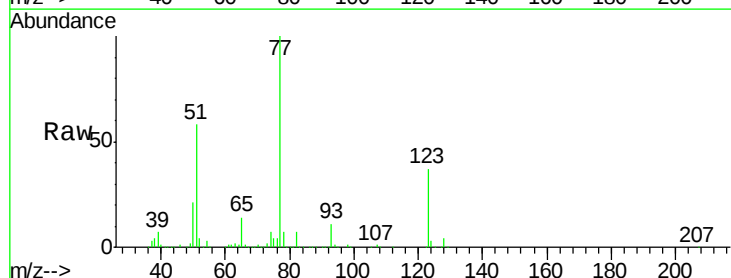
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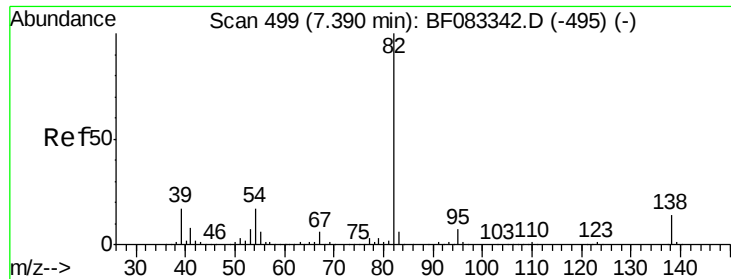
Mmdadoda
 12/1/2015 6:35:01 PM



#24
 Nitrobenzene
 Concen: 32.94 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion: 77 Resp: 513718
 Ion Ratio Lower Upper
 77 100
 123 37.2 37.4 56.0#
 65 14.1 10.6 15.8





#25

Isophorone

Concen: 34.22 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

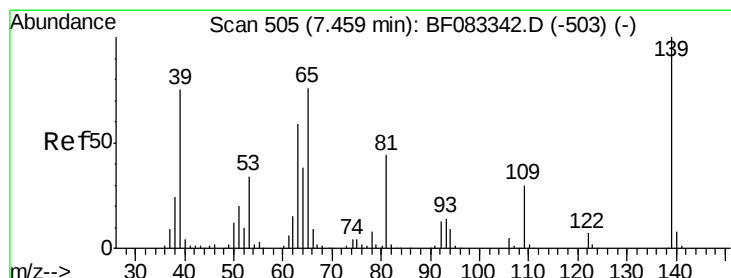
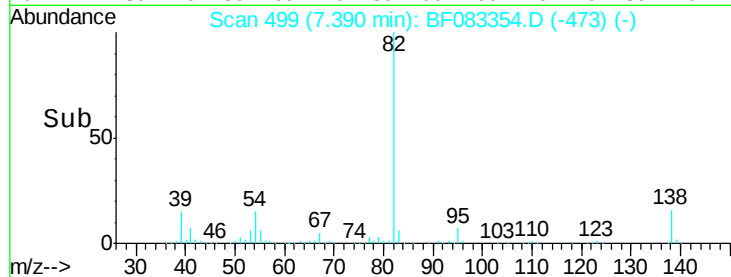
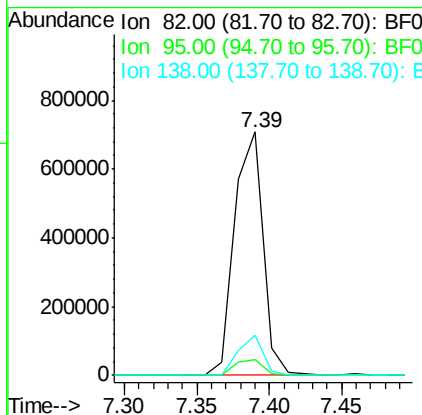
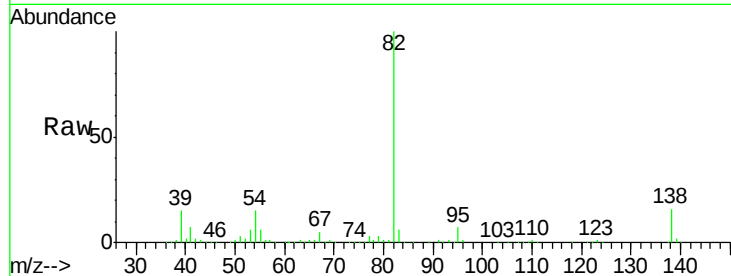
ClientSampleId :

PB86847BS

Tgt Ion:	82	Resp:	967997
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	16.4	11.6	17.4

Manual Integrations
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12/1/2015 6:35:01 PM



#26

2-Nitrophenol

Concen: 33.87 ng

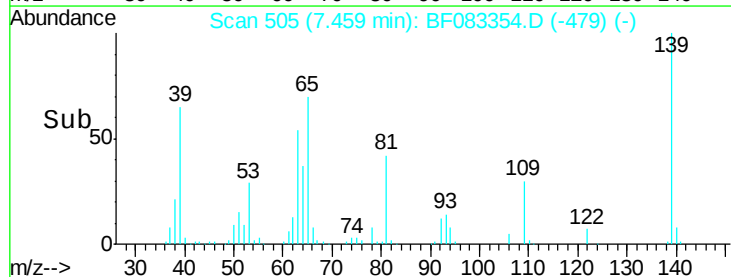
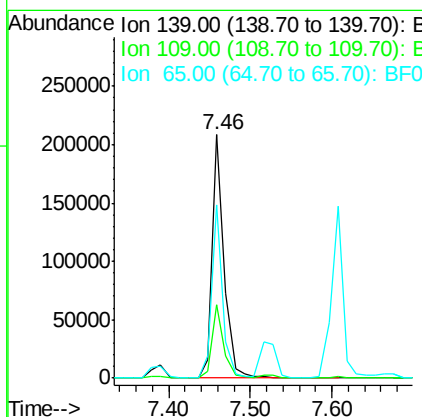
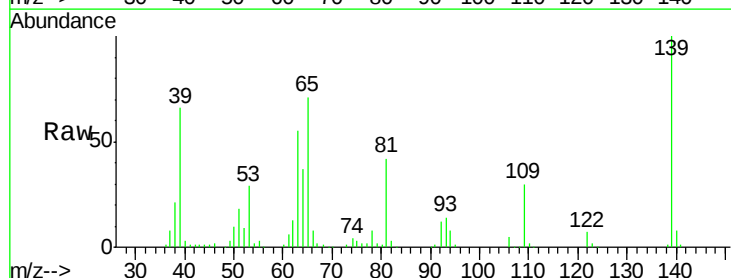
RT: 7.46 min Scan# 505

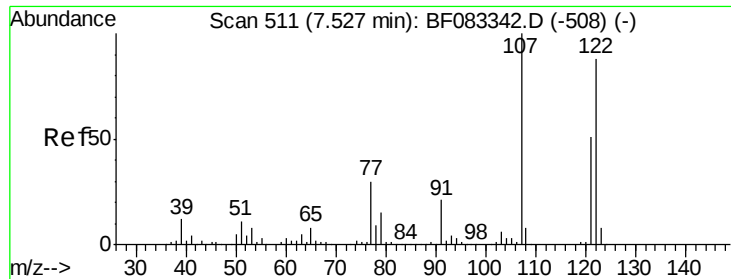
Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Tgt Ion:	139	Resp:	215605
Ion Ratio		Lower	Upper
139	100		
109	30.3	24.2	36.4
65	71.0	61.0	91.6





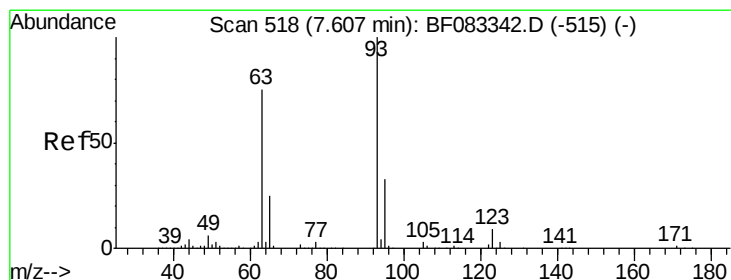
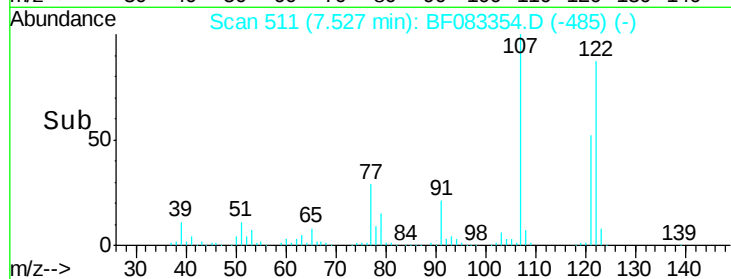
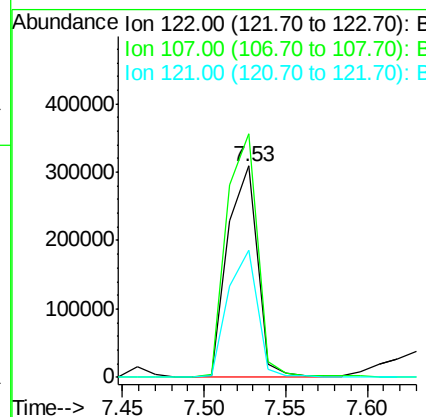
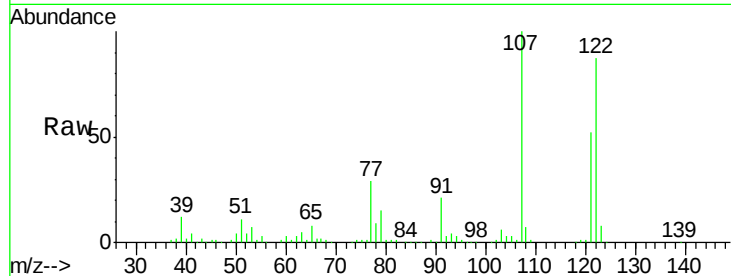
#27
2,4-Dimethylphenol
Concen: 36.80 ng
RT: 7.53 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	392724		
107	115.2	91.2	136.8	
121	59.9	46.4	69.6	

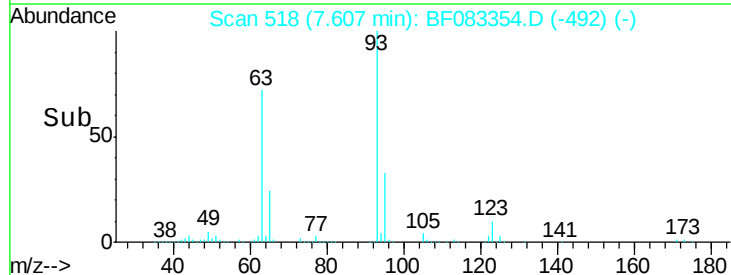
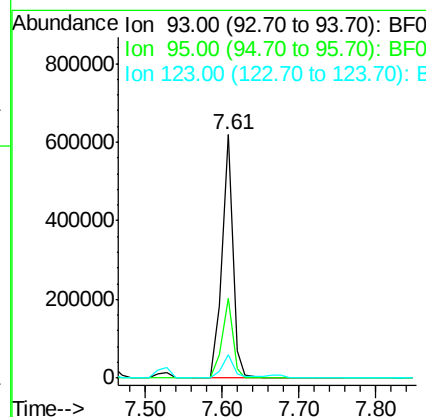
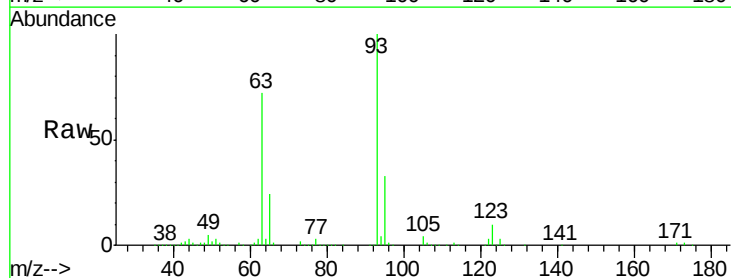
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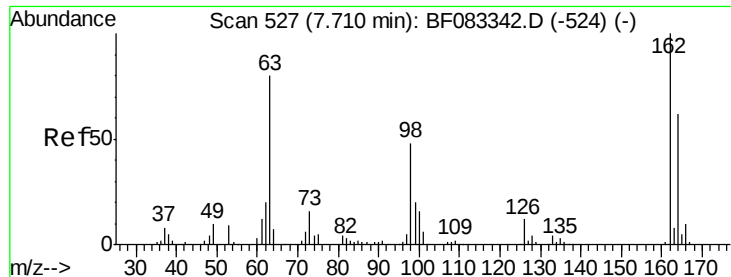
Mmdadoda
12/1/2015 6:35:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.98 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	611797		
95	32.8	26.1	39.1	
123	9.7	7.4	11.0	





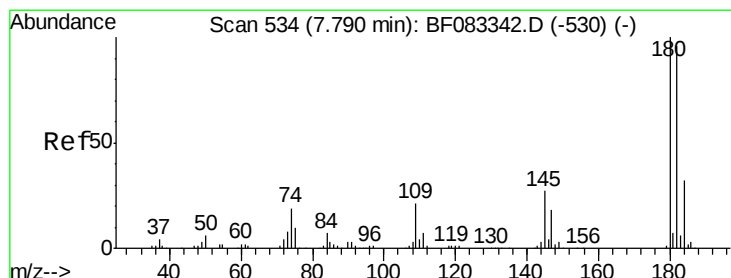
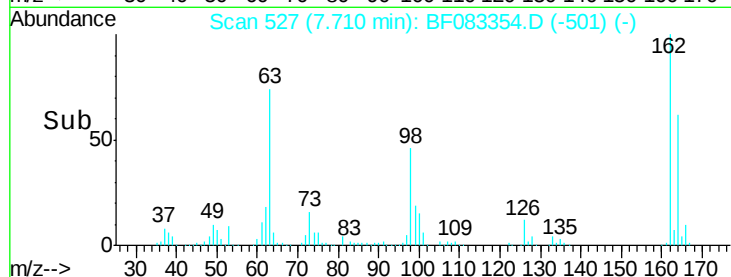
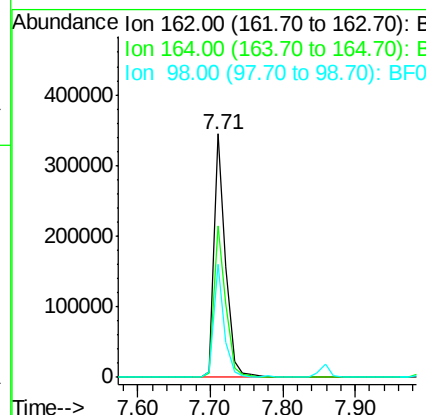
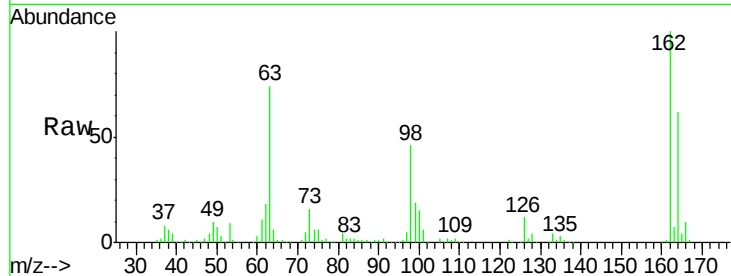
#29
 2,4-Dichlorophenol
 Concen: 36.64 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.3	41.9	81.9
98	46.3	28.1	68.1

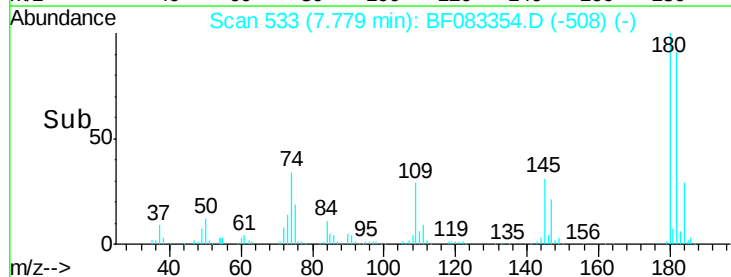
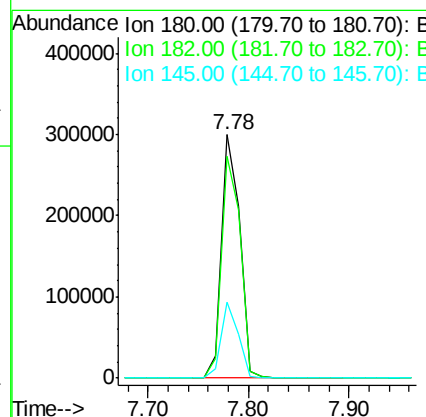
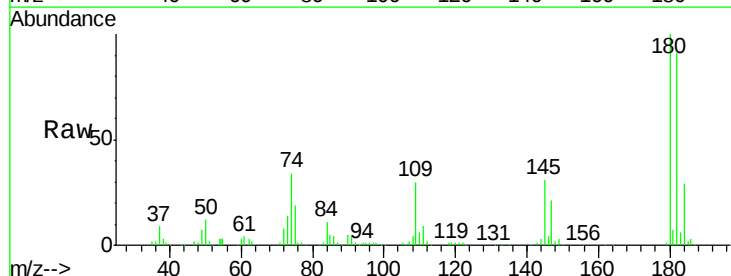
Manual Integrations
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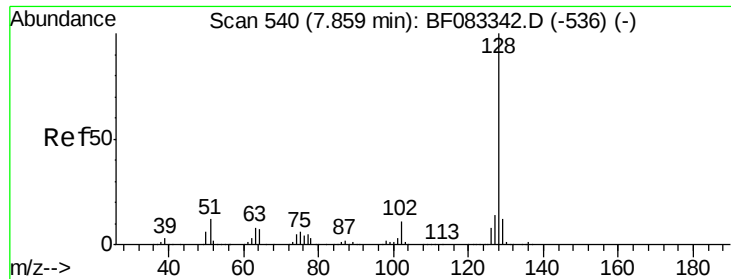
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.97 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.1	77.2	115.8
145	31.0	21.4	32.2





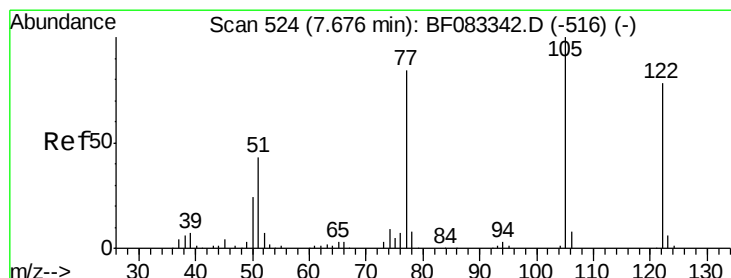
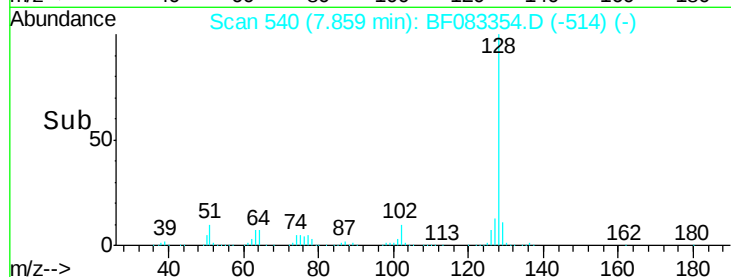
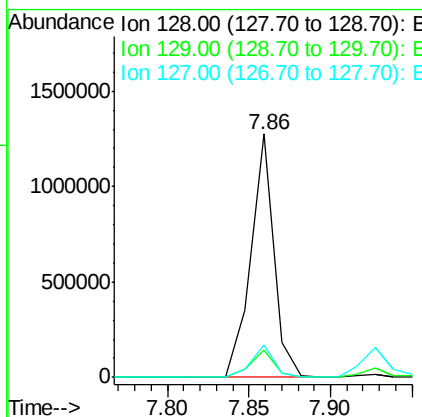
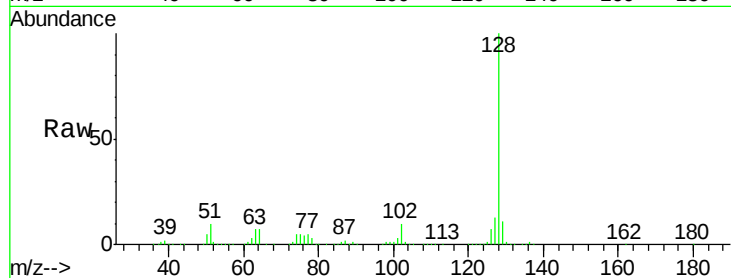
#31
Naphthalene
Concen: 36.07 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion:128 Resp: 1256549
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.3 11.0 16.4

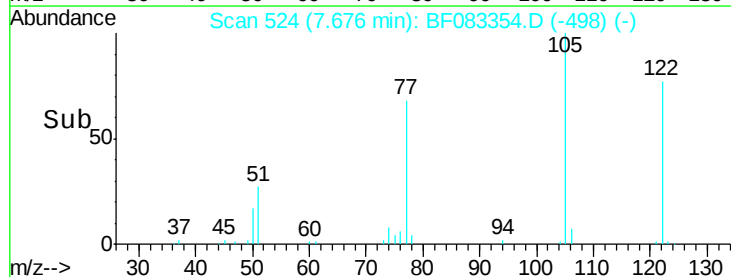
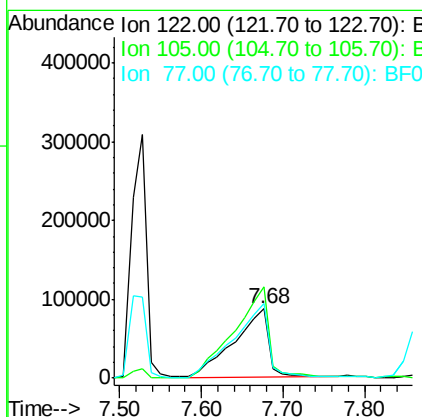
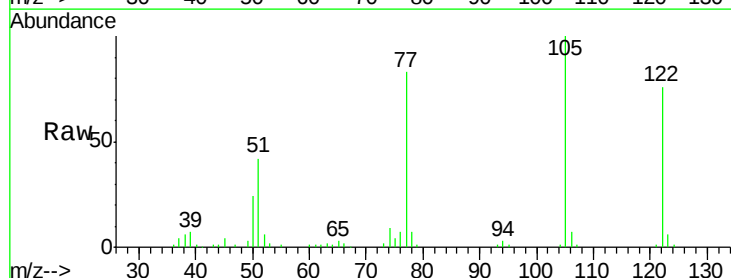
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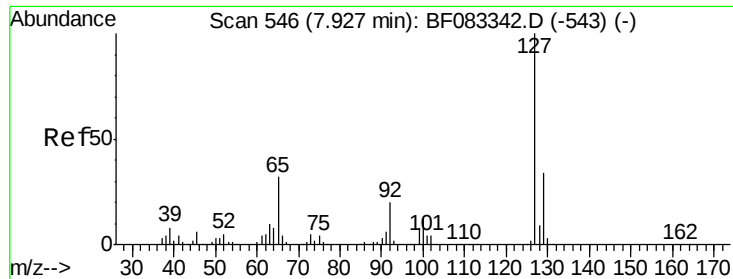
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#32
Benzoic acid
Concen: 35.34 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:122 Resp: 260124
Ion Ratio Lower Upper
122 100
105 131.6 106.0 146.0
77 108.8 86.3 126.3





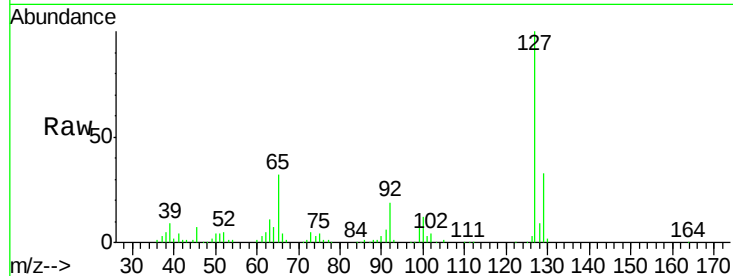
#33
4-Chloroaniline
Concen: 13.57 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

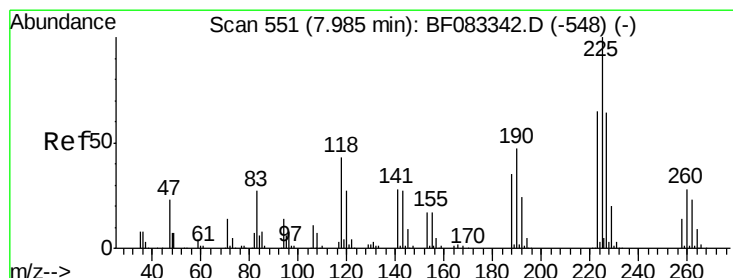
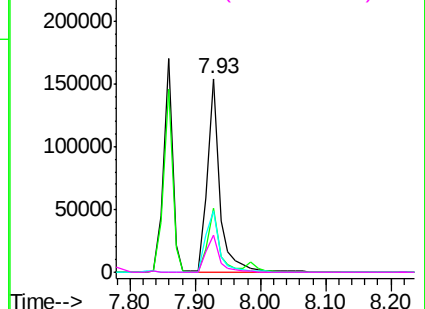
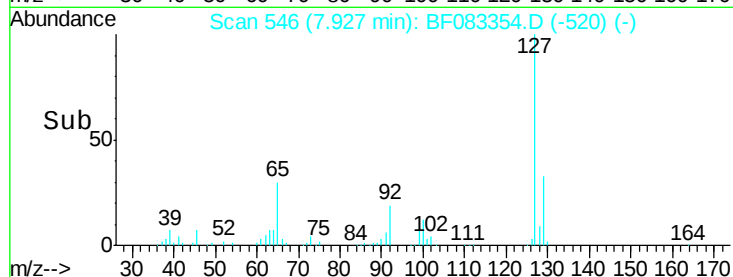
Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.9	27.0	40.4
65	31.9	25.9	38.9
92	18.9	15.8	23.8

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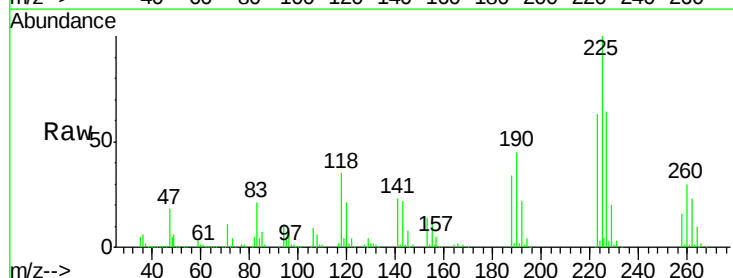


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

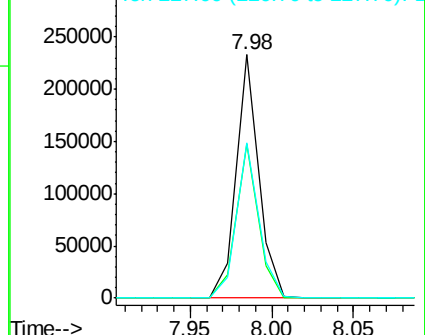
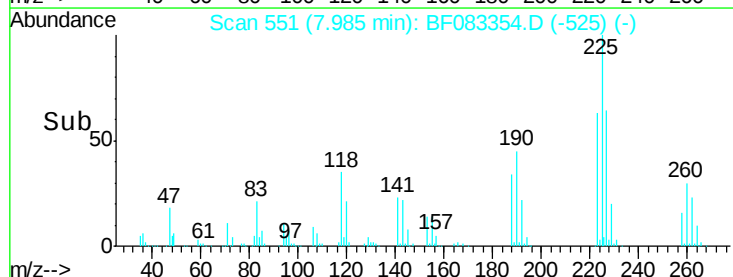


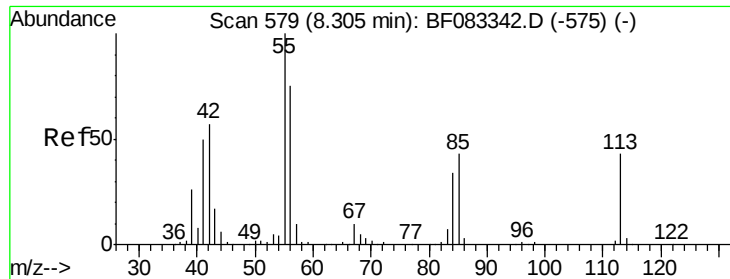
#34
Hexachlorobutadiene
Concen: 34.76 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.5	52.0	78.0
227	63.8	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





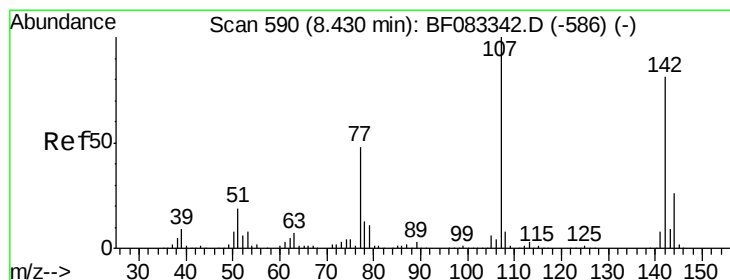
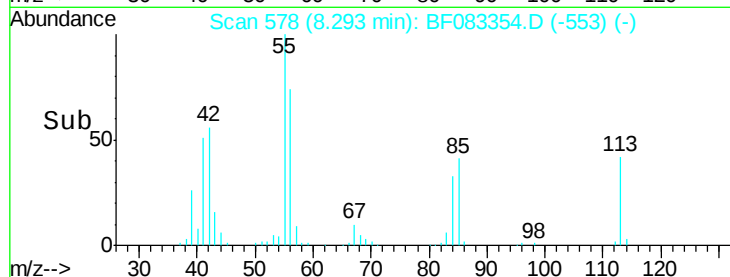
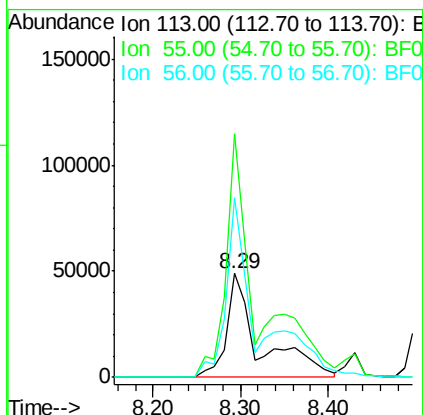
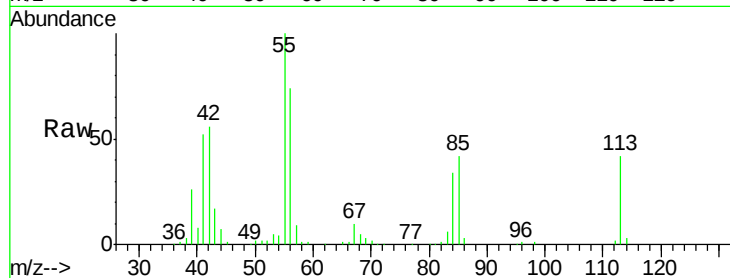
#35
 Caprolactam
 Concen: 39.38 ng m
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	127697		
55	235.3	211.6	251.6	
56	173.2	153.0	193.0	

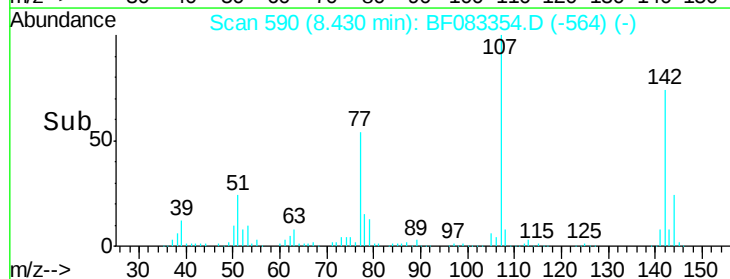
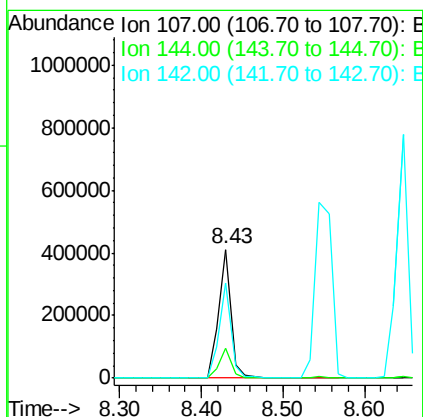
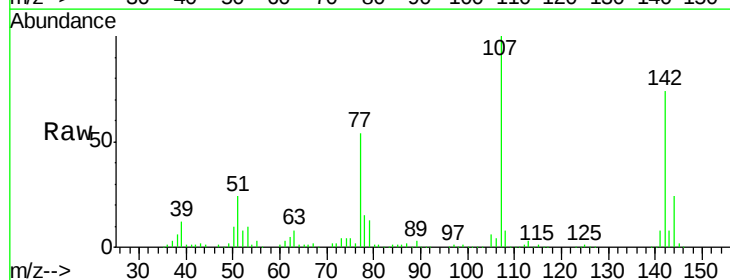
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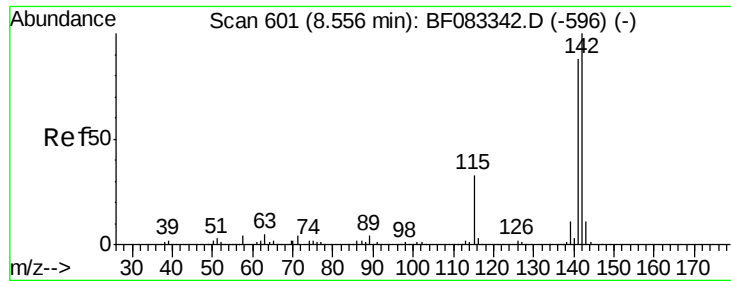
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#36
 4-Chloro-3-methylphenol
 Concen: 37.88 ng
 RT: 8.43 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	436027		
144	23.6	21.1	31.7	
142	74.4	65.1	97.7	





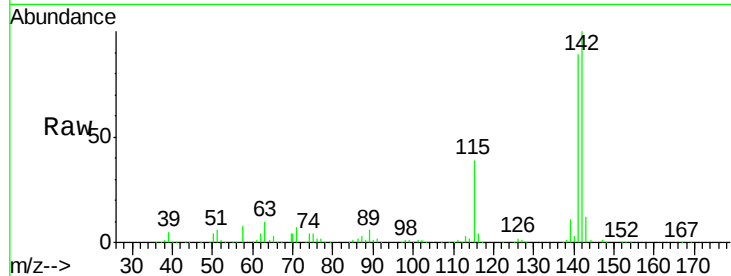
#37
2-Methylnaphthalene
Concen: 34.26 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

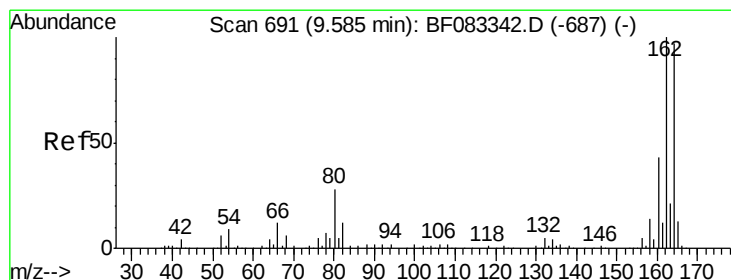
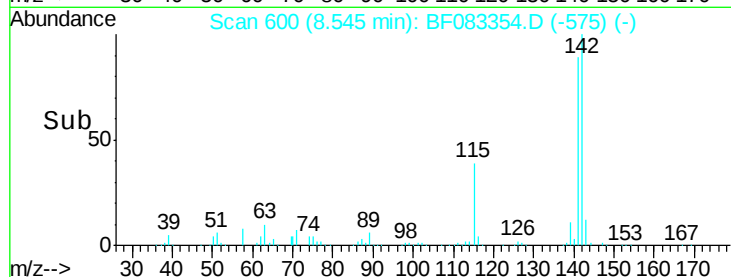
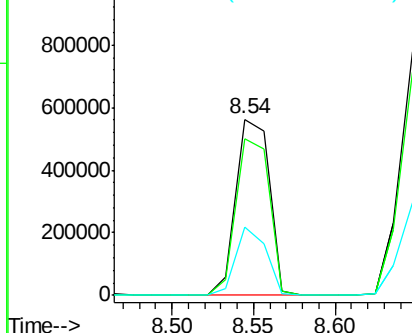
Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	89.3	70.6	105.8
115	39.2	26.2	39.2

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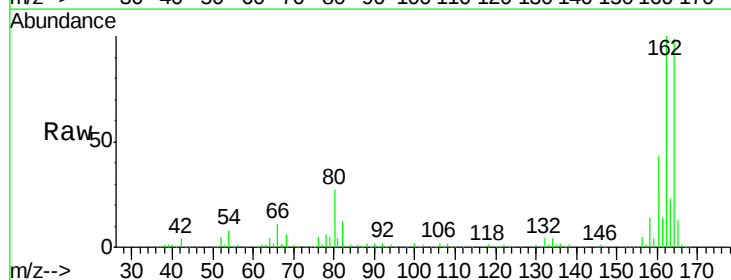


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

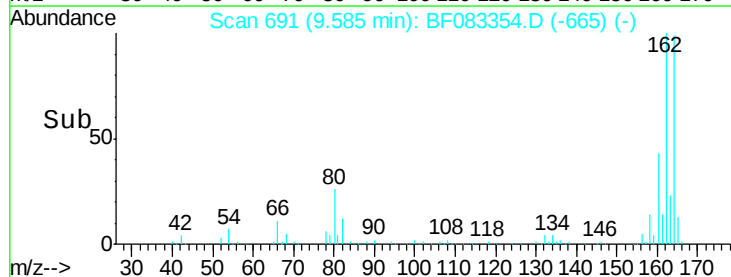
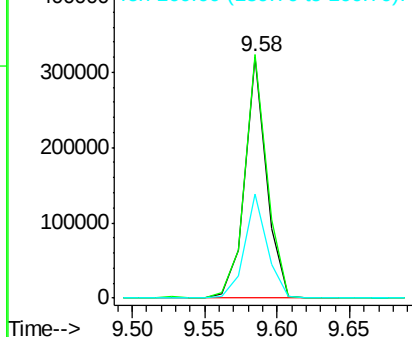


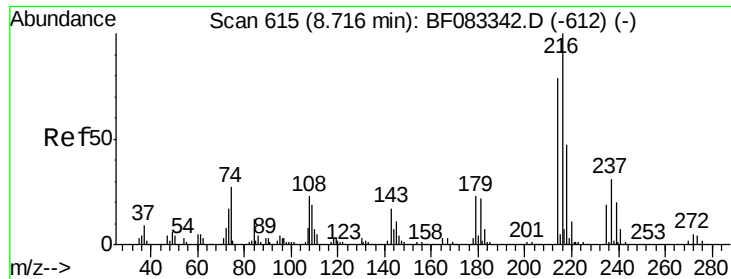
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.0	82.6	123.8
160	43.4	35.3	52.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.60 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083354.D

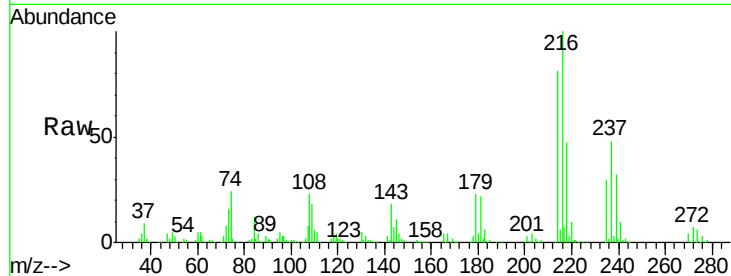
Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampled :

PB86847BS



Tgt Ion: 216 Resp: 354638

Ion Ratio Lower Upper

216 100

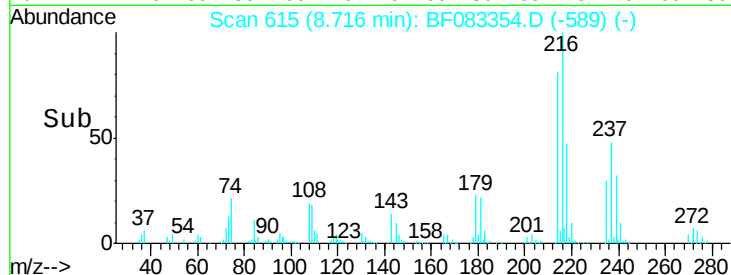
214 80.1 62.3 93.5

179 21.7 17.0 25.4

108 23.4 16.7 25.1

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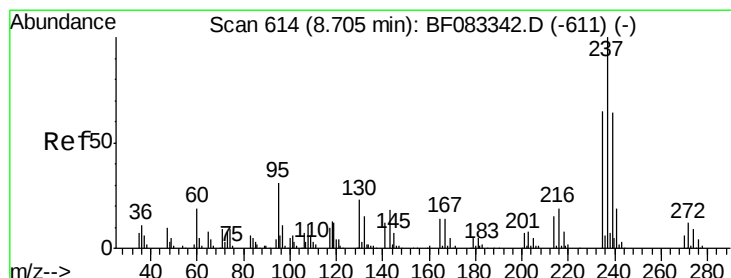
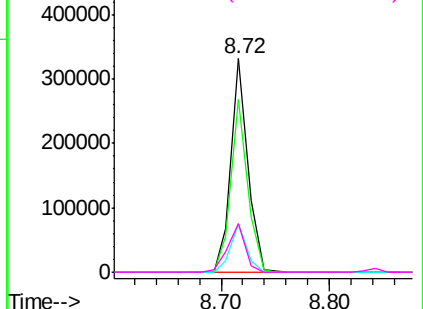


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.87 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

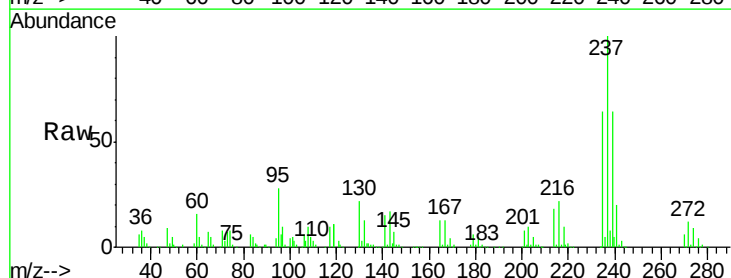
Tgt Ion: 237 Resp: 360310

Ion Ratio Lower Upper

237 100

235 64.3 44.5 84.5

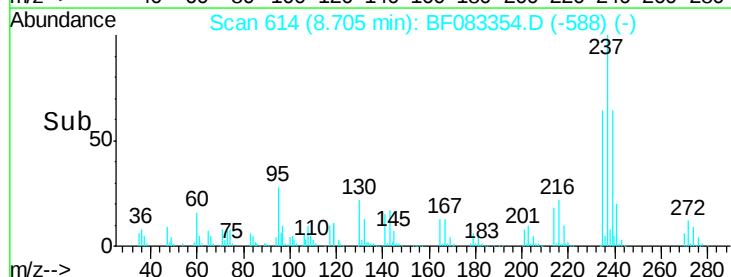
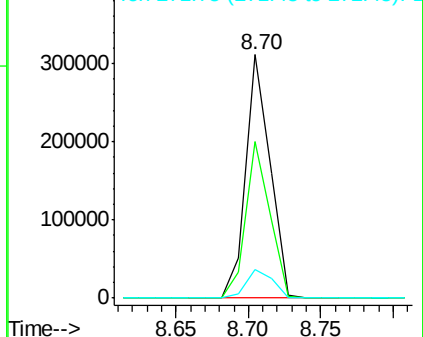
272 11.7 0.0 31.6

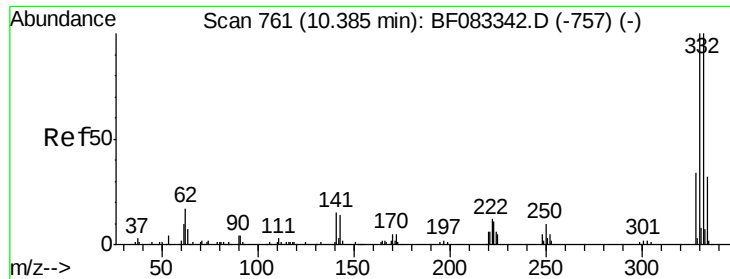


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





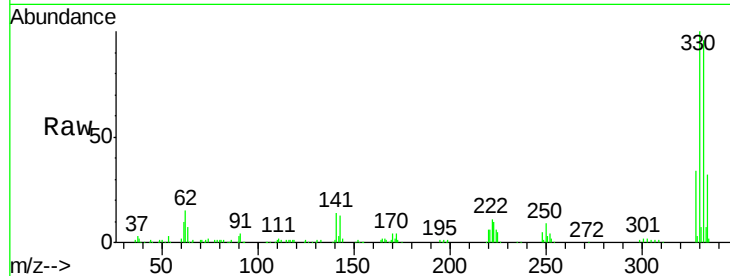
#41
 2,4,6-Tribromophenol
 Concen: 73.08 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

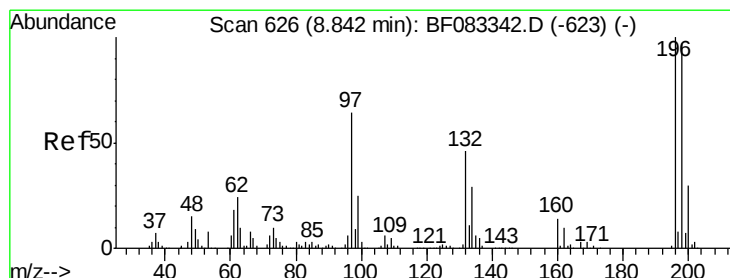
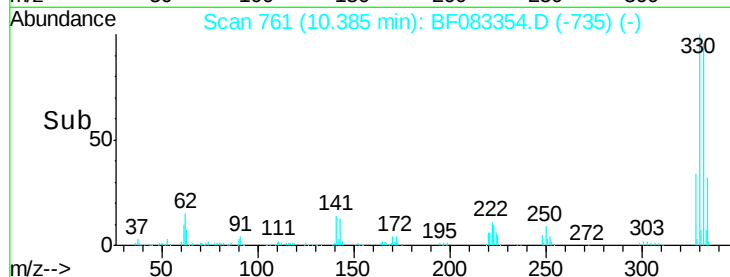
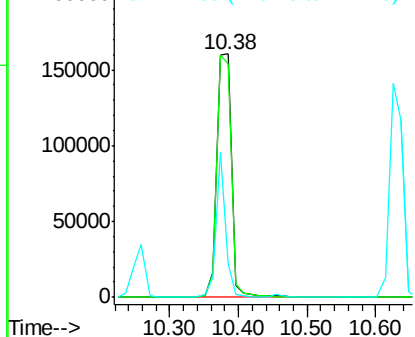
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	244244		
332	98.1	77.8	116.6	
141	38.1	29.4	44.0	

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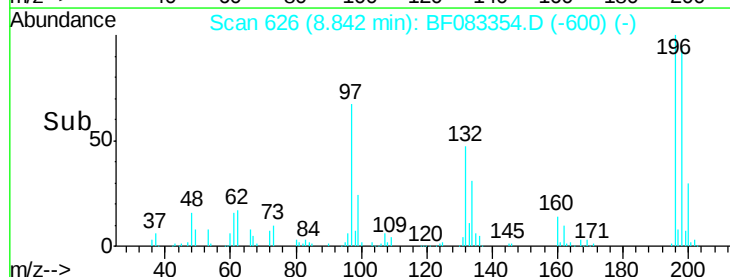
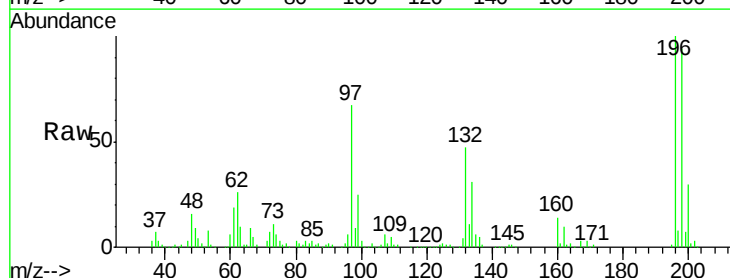
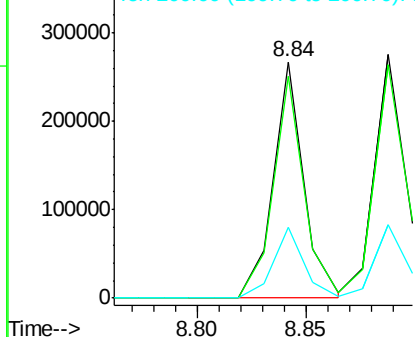
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

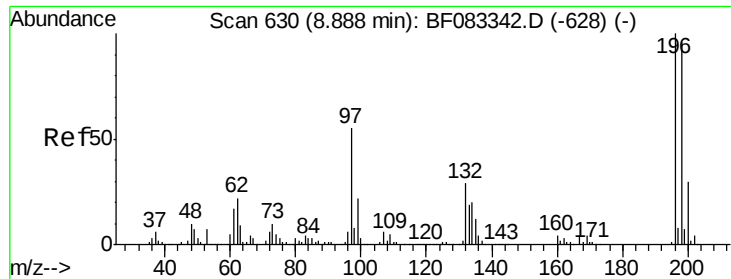


#42
 2,4,6-Trichlorophenol
 Concen: 35.44 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262398		
198	94.0	77.2	115.8	
200	30.0	24.2	36.4	

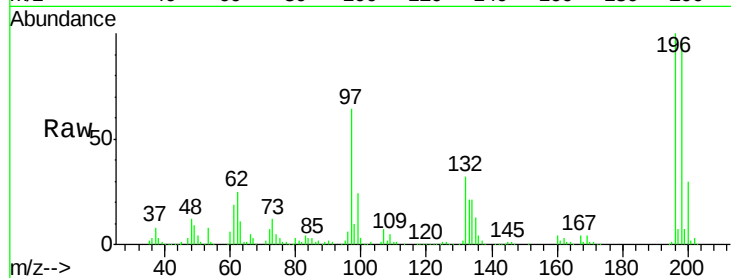
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 37.14 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

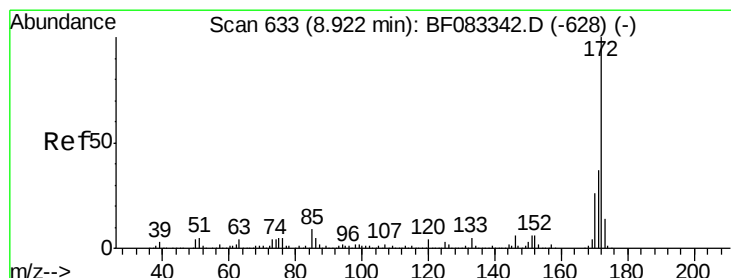
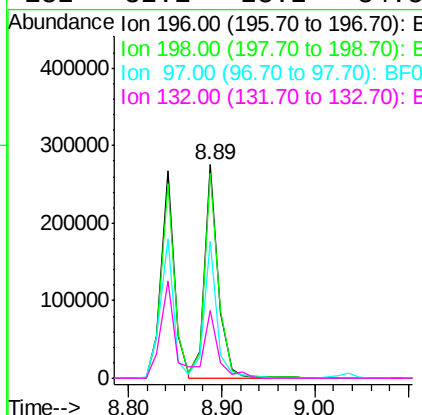
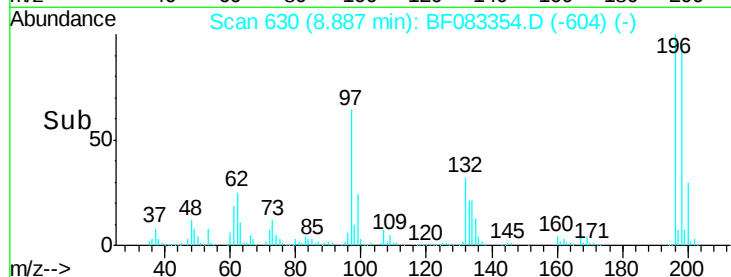
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS



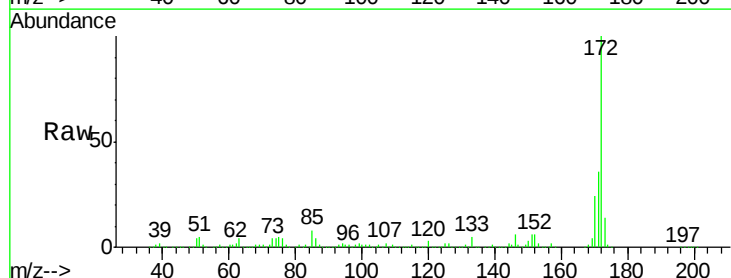
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284924		
198	95.6	77.2	115.8	
97	64.1	44.4	66.6	
132	32.1	23.2	34.8	

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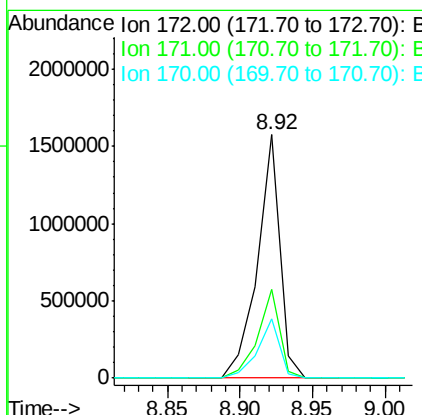
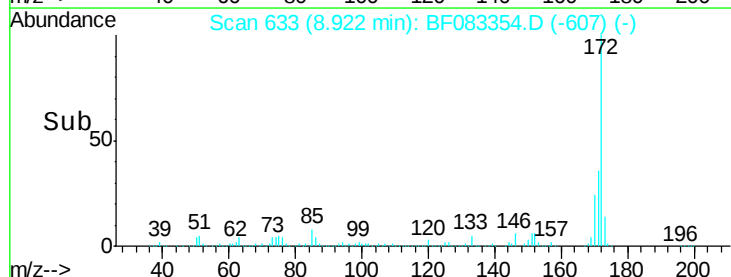
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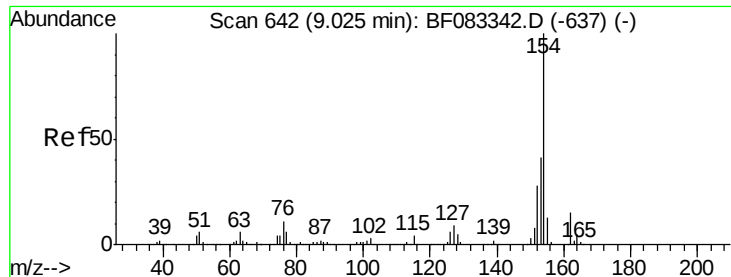


#44
 2-Fluorobiphenyl
 Concen: 72.60 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1696348		
171	36.3	29.4	44.0	
170	24.3	20.4	30.6	





#45

1,1'-Biphenyl

Concen: 32.91 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

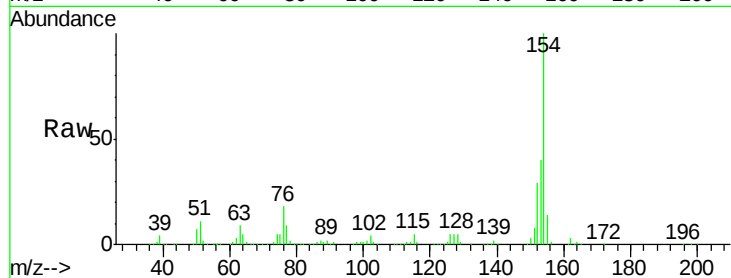
ClientSampleId :

PB86847BS

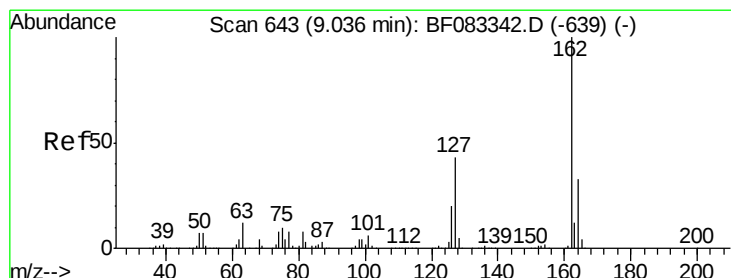
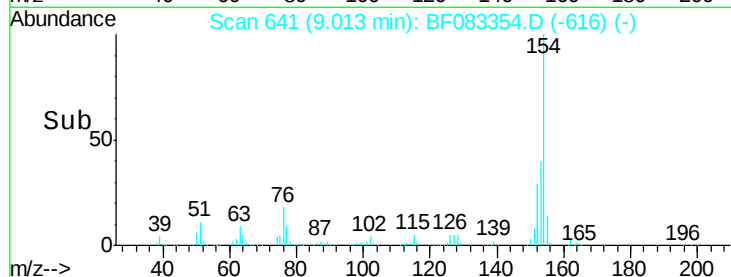
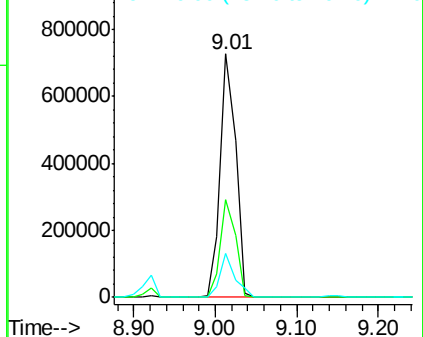
Tgt Ion:	154	Resp:	960917
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.6	60.6
76	18.2	0.0	30.5

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



#46

2-Chloronaphthalene

Concen: 36.01 ng

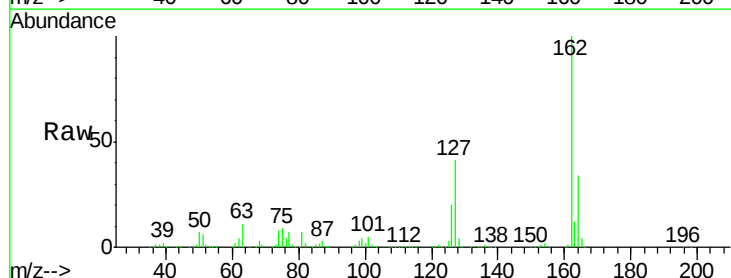
RT: 9.04 min Scan# 643

Delta R.T. -0.00 min

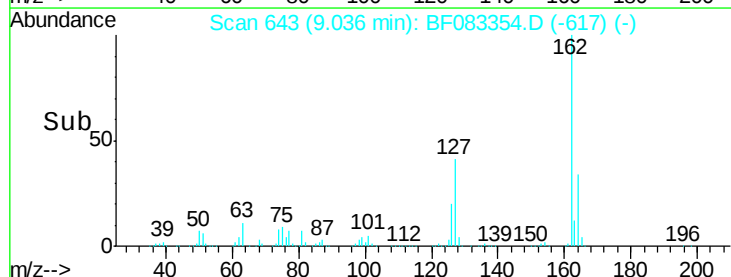
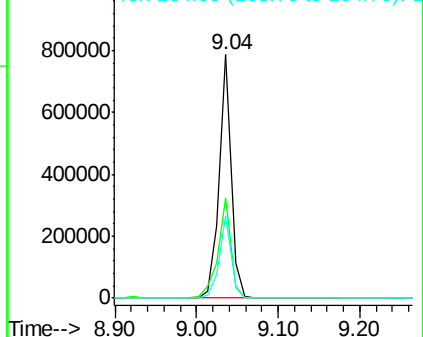
Lab File: BF083354.D

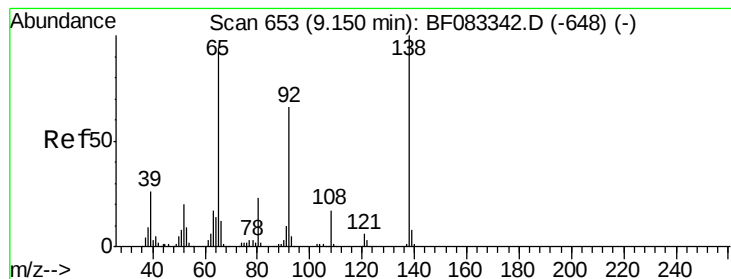
Acq: 1 Dec 2015 1:12

Tgt Ion:	162	Resp:	801276
Ion Ratio	Lower	Upper	
162	100		
127	41.3	34.1	51.1
164	33.6	26.6	39.8



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





#47

2-Nitroaniline

Concen: 35.06 ng

RT: 9.15 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

Tgt Ion: 65 Resp: 308940
Ion Ratio Lower Upper

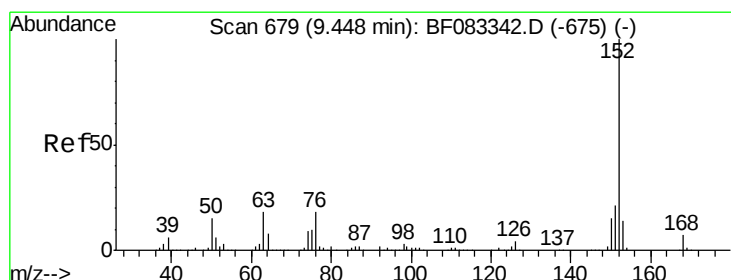
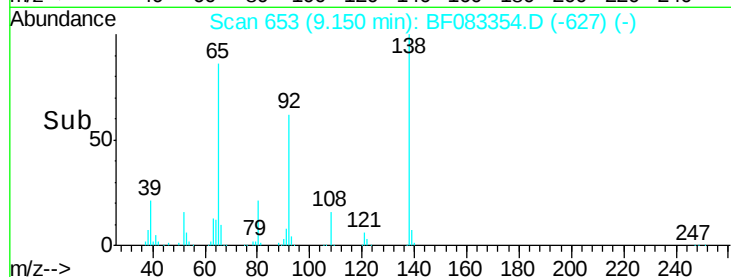
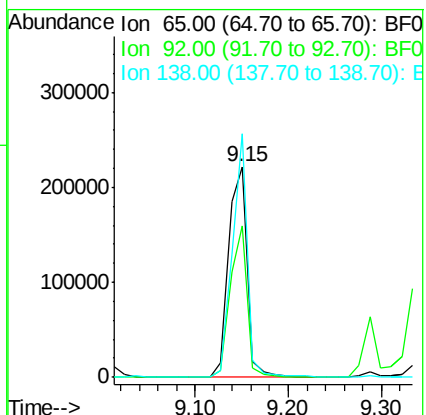
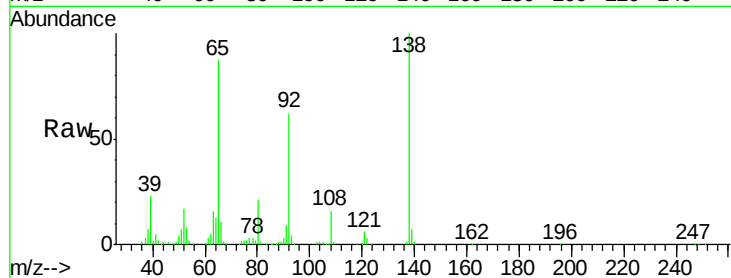
65 100

92 71.5 56.2 84.4

138 115.5 85.4 128.0

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#48

Acenaphthylene

Concen: 34.65 ng

RT: 9.45 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF083354.D

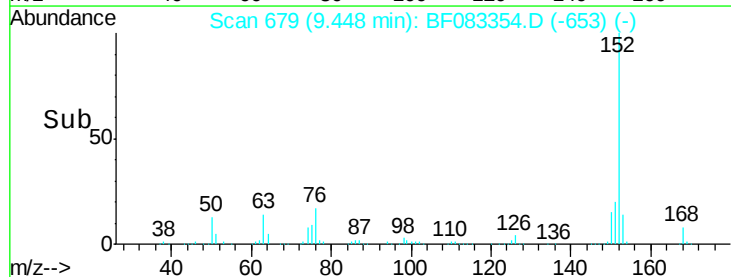
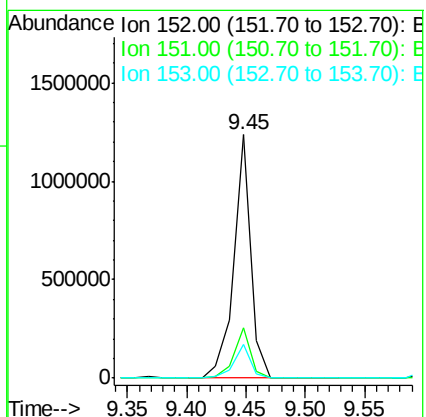
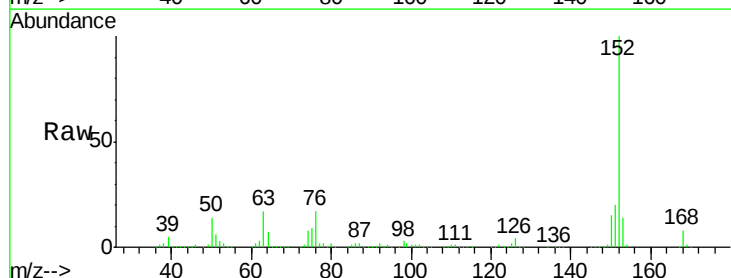
Acq: 1 Dec 2015 1:12

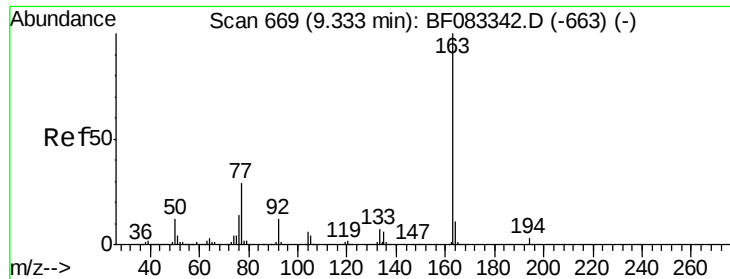
Tgt Ion: 152 Resp: 1229617
Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

153 14.0 11.2 16.8





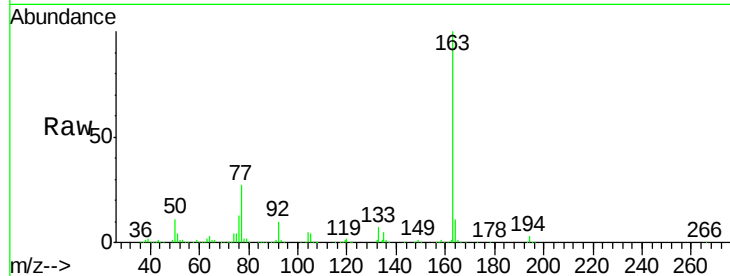
#49
Dimethylphthalate
Concen: 34.27 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

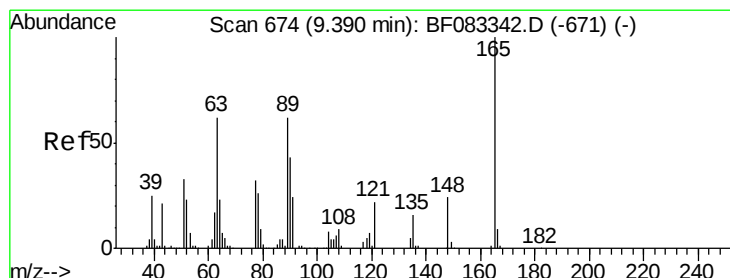
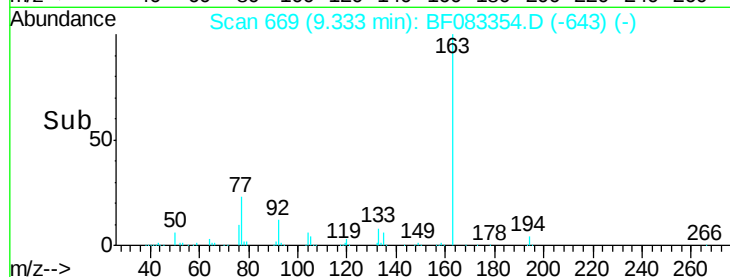
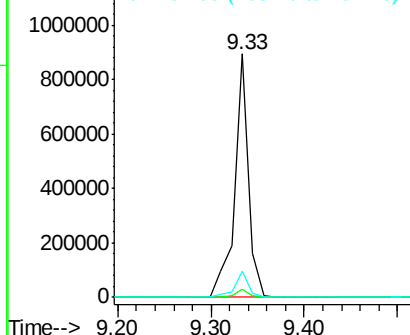
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	927180		
194	3.4	2.7	4.1	
164	10.6	8.8	13.2	

Manual Integrations
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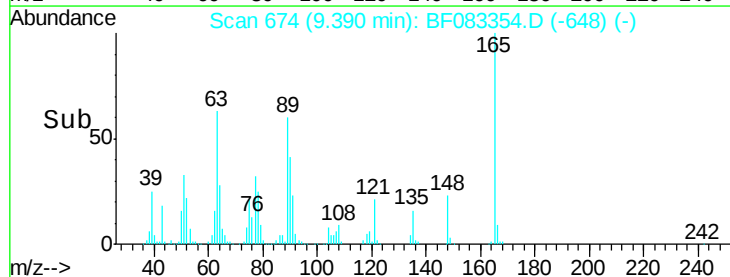
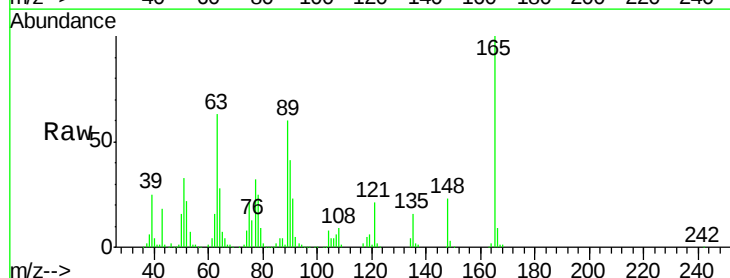
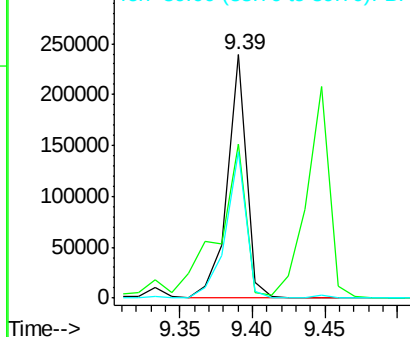
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

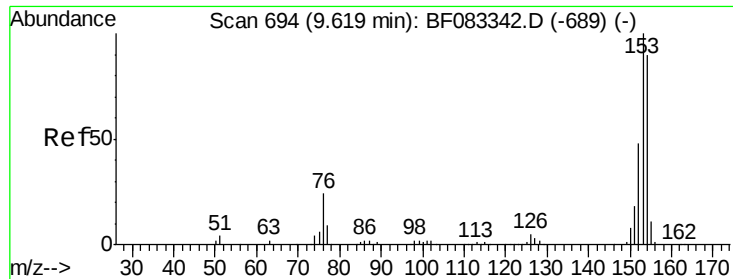


#50
2,6-Dinitrotoluene
Concen: 38.04 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219797		
63	63.1	56.0	84.0	
89	60.0	49.8	74.8	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





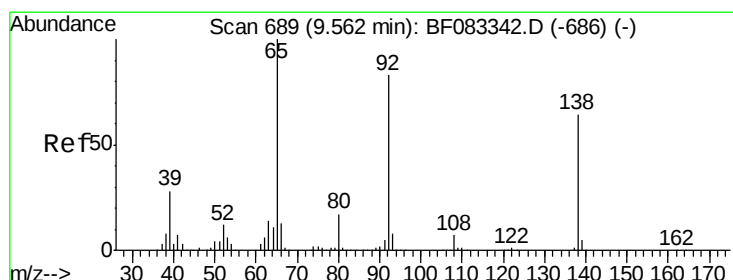
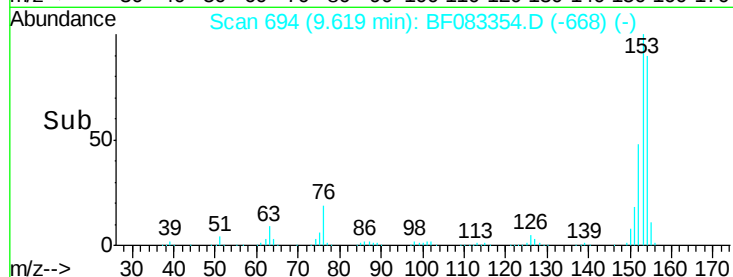
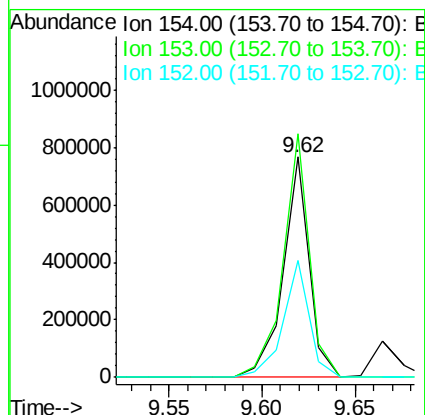
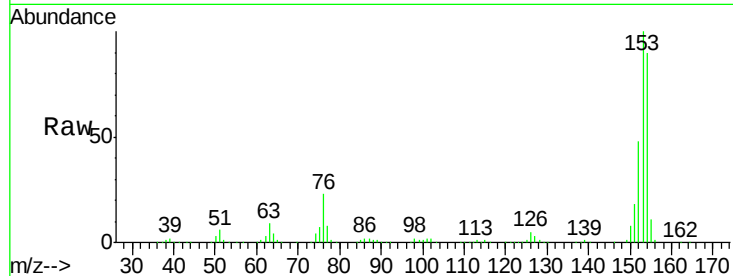
#51
Acenaphthene
Concen: 35.49 ng
RT: 9.62 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	740944		
153	110.7	89.3	133.9	
152	53.1	42.5	63.7	

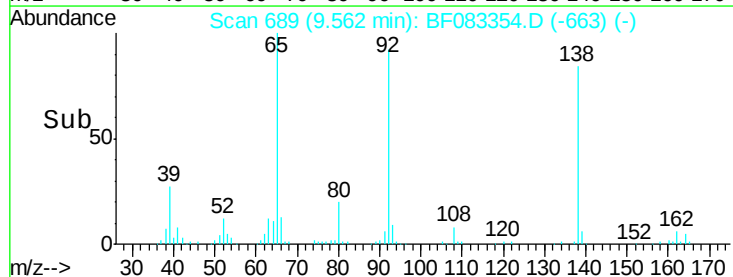
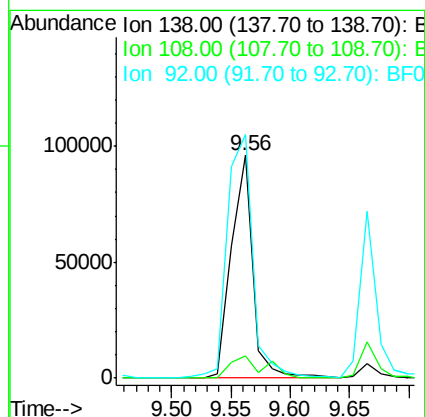
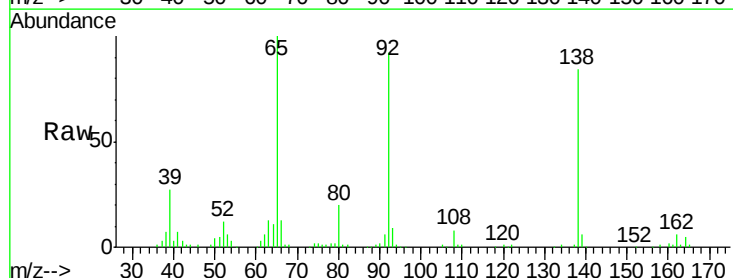
Manual Integrations
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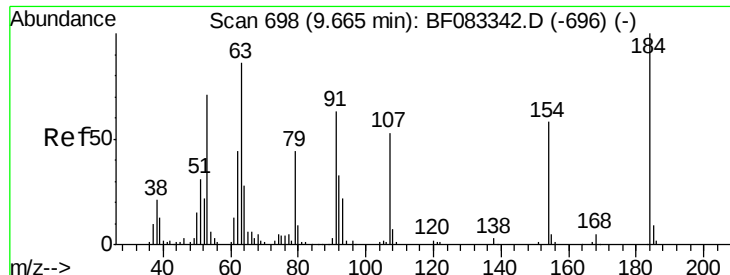
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#52
3-Nitroaniline
Concen: 17.84 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	120863		
108	9.8	8.4	12.6	
92	109.3	104.2	156.4	





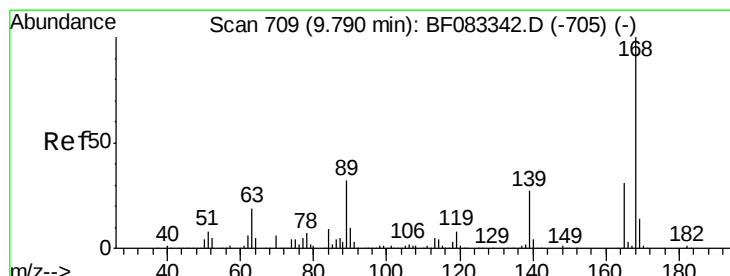
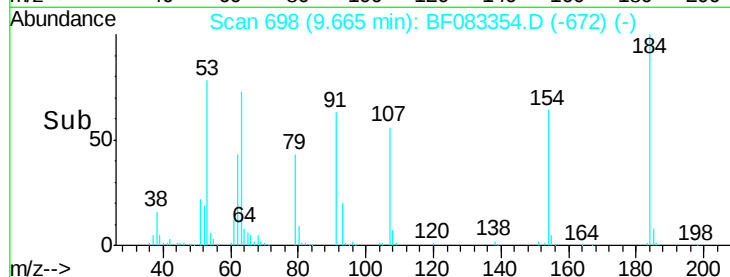
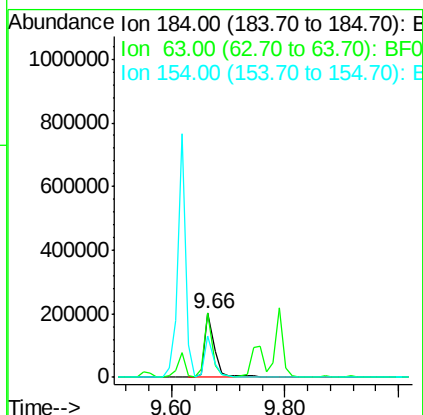
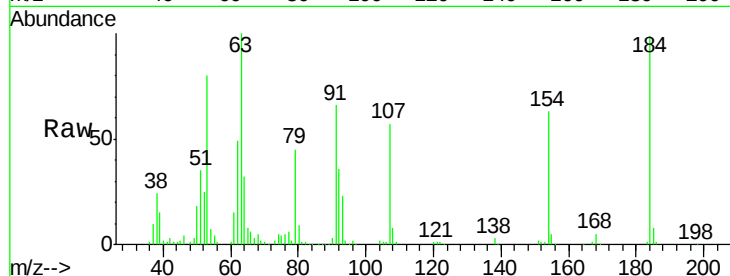
#53
2,4-Dinitrophenol
Concen: 67.10 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	234010		
63	101.1	69.0	103.6	
154	63.9	50.0	75.0	

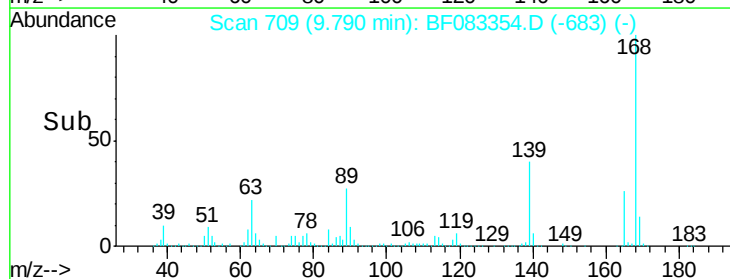
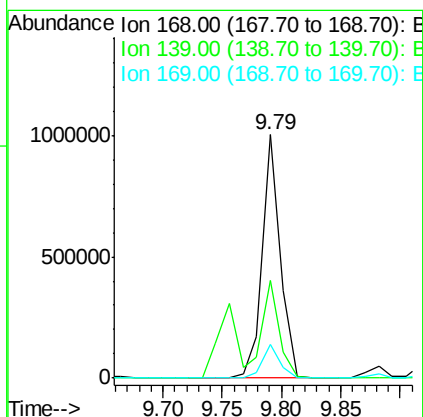
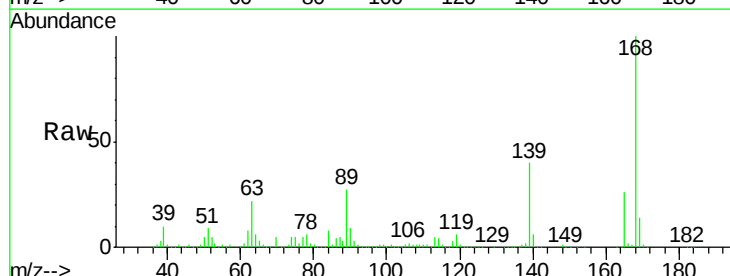
Manual Integrations
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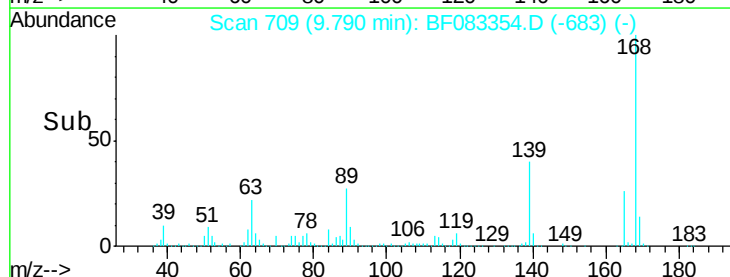
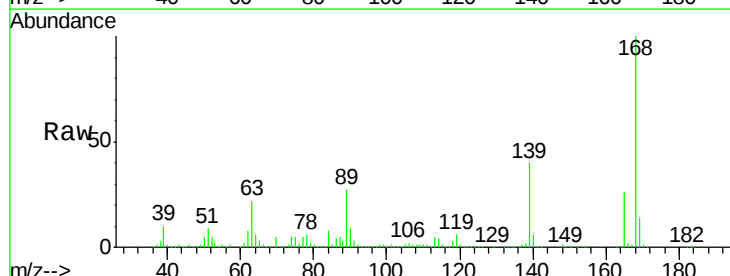
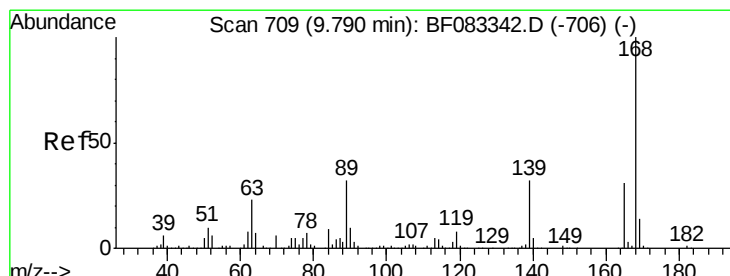
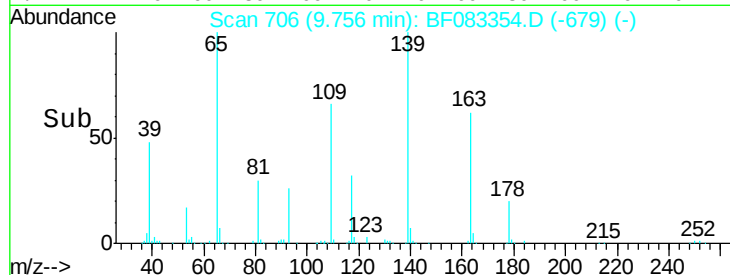
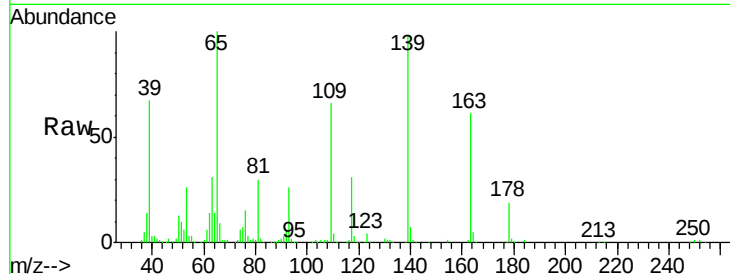
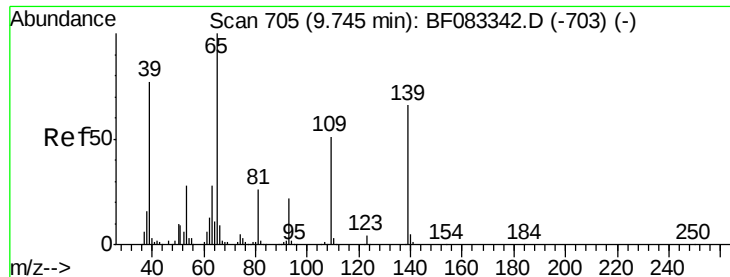
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#54
Dibenzofuran
Concen: 35.03 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1071504		
139	40.1	32.7	49.1	
169	14.0	11.1	16.7	





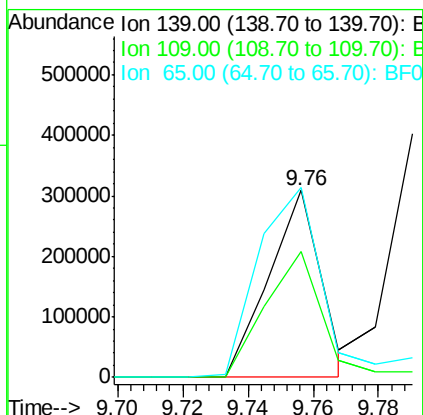
#55
4-Nitrophenol
Concen: 80.54 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	341191		
109	67.2	57.4	97.4	
65	101.6	131.6	171.6	

Instrument :
BNA_F
ClientSampled :
PB86847BS

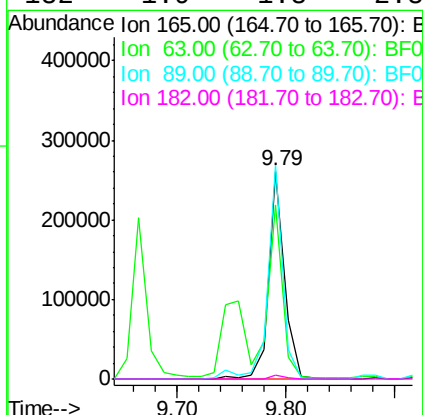
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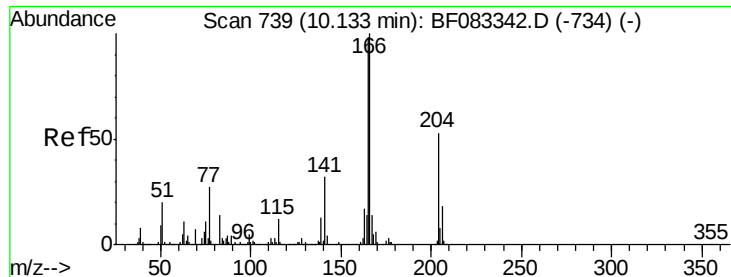
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 36.10 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	264725		
63	83.9	65.4	98.0	
89	102.8	81.2	121.8	
182	1.9	1.8	2.8	





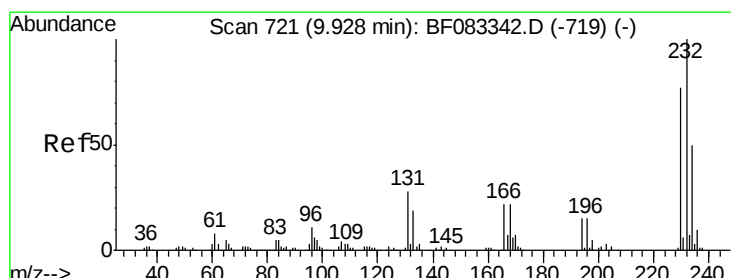
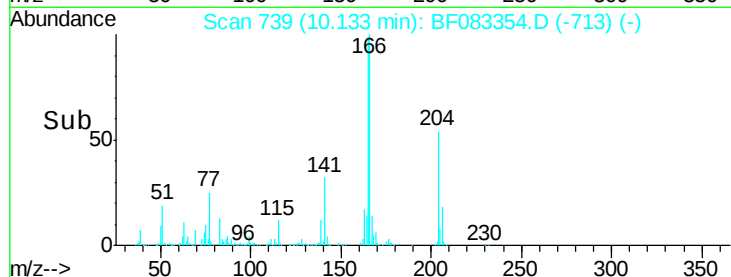
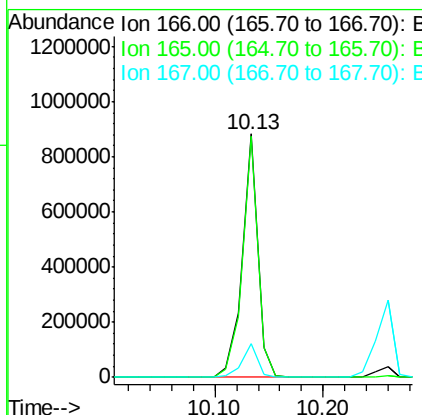
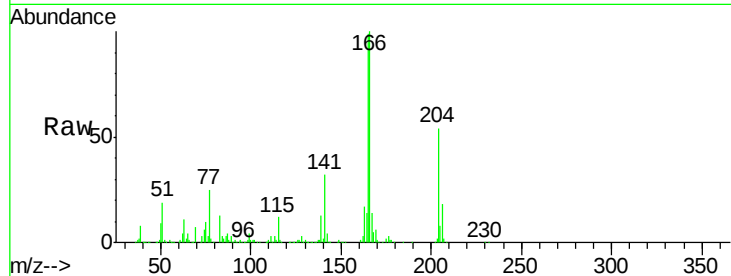
#57
Fluorene
 Concen: 36.06 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	871095		
165	99.1	78.3	117.5	
167	13.9	11.1	16.7	

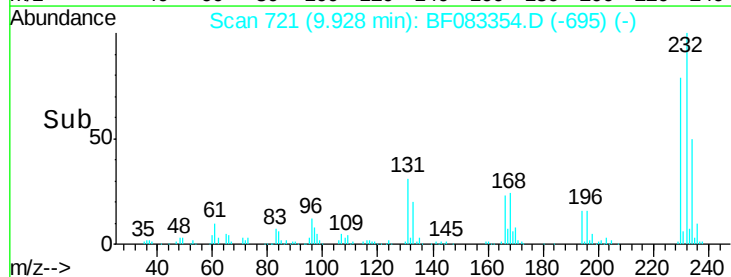
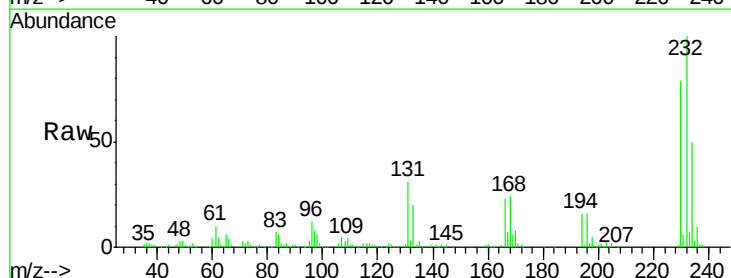
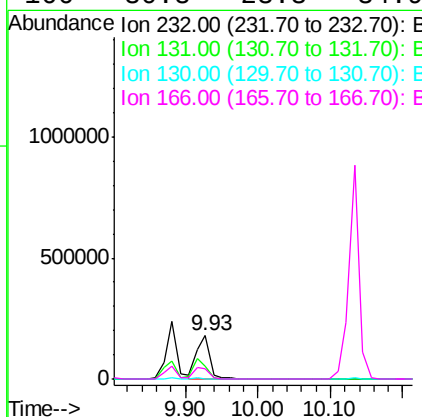
Manual Integrations
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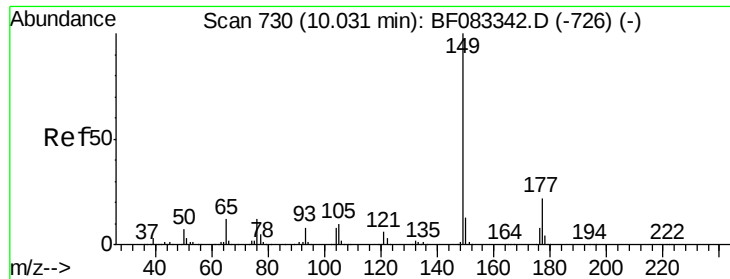
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.67 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	226933		
231	48.2	35.4	53.2	
130	2.2	1.7	2.5	
166	30.8	23.3	34.9	





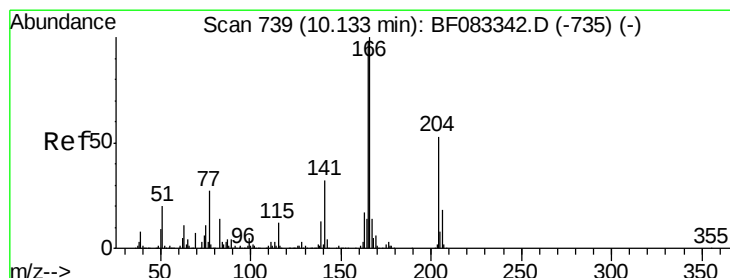
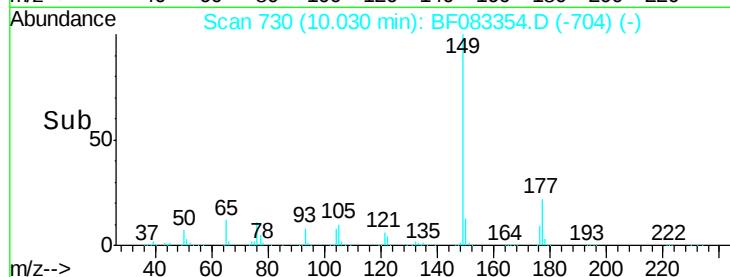
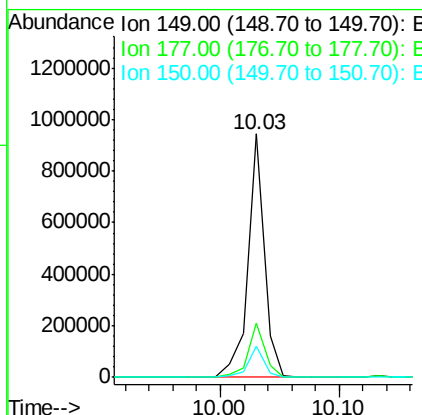
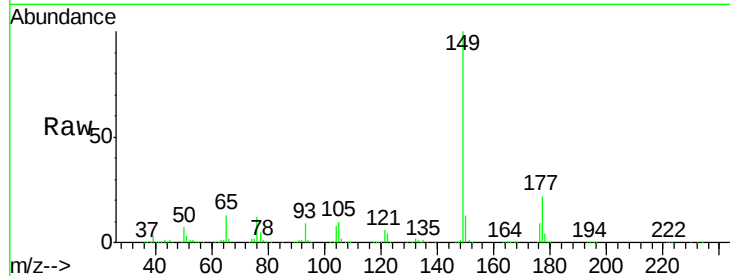
#59
Diethylphthalate
Concen: 35.40 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	912882		
177	22.1	17.4	26.2	
150	12.7	10.4	15.6	

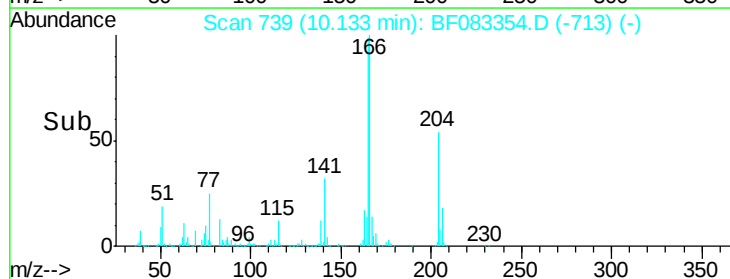
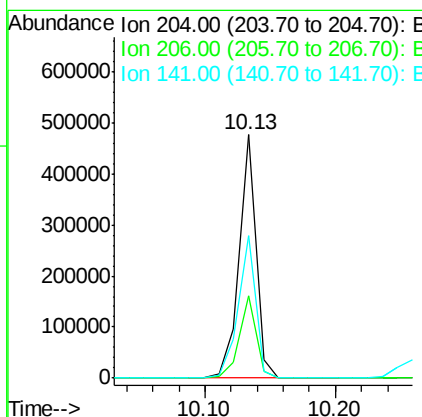
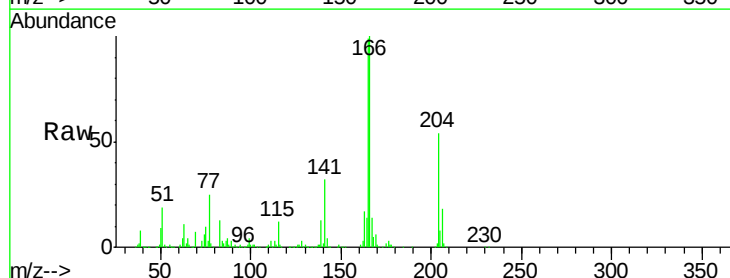
Manual Integrations
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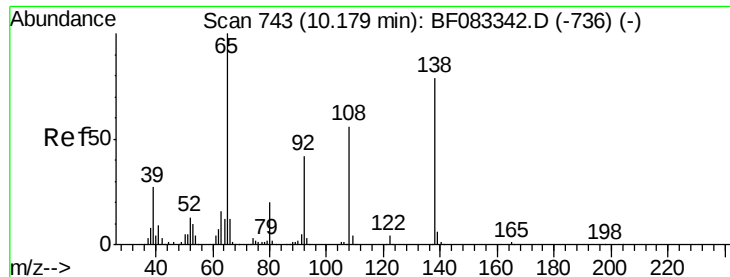
Mmdadoda
12/1/2015 6:35:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.36 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	425792		
206	33.9	27.5	41.3	
141	58.7	48.1	72.1	





#61

4-Nitroaniline

Concen: 33.32 ng

RT: 10.18 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

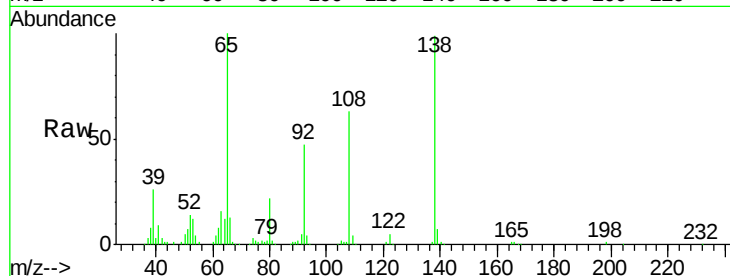
ClientSampleId :

PB86847BS

Manual Integrations
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Mmdadoda
12/1/2015 6:35:01 PM

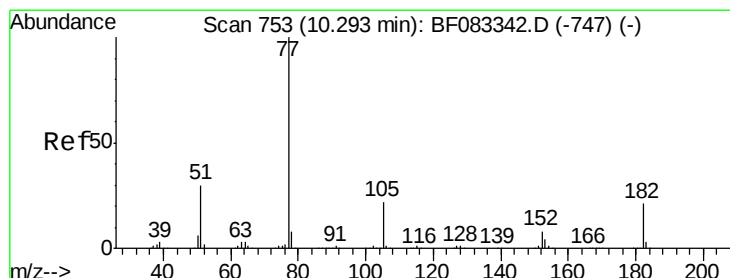
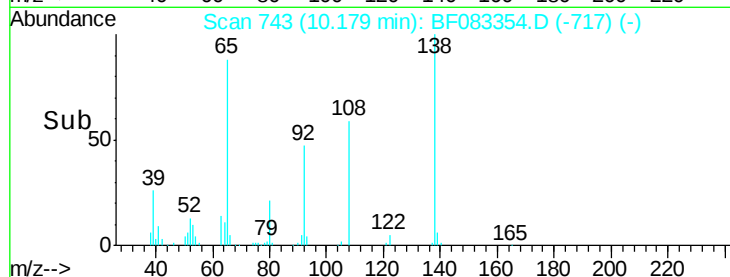
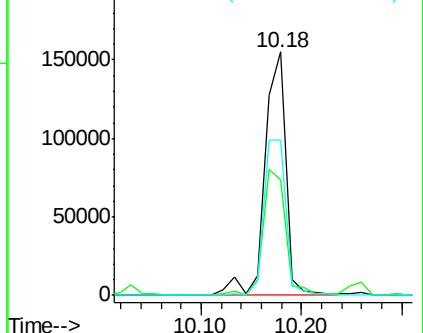
Tgt Ion:	138	Resp:	225817
Ion Ratio	Lower	Upper	
138	100		
92	47.7	33.6	73.6
108	64.0	51.0	91.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.31 ng

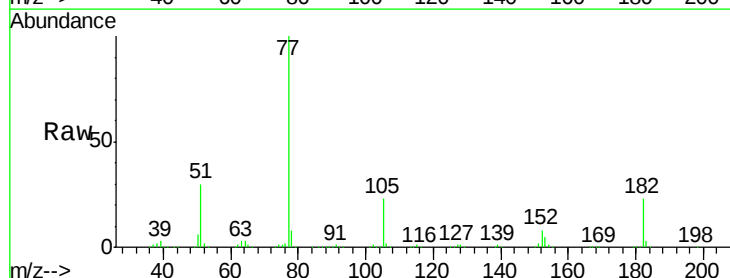
RT: 10.29 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Tgt Ion:	77	Resp:	1193753
Ion Ratio	Lower	Upper	
77	100		
182	22.5	0.8	40.8
105	22.8	2.3	42.3
51	29.5	10.6	50.6

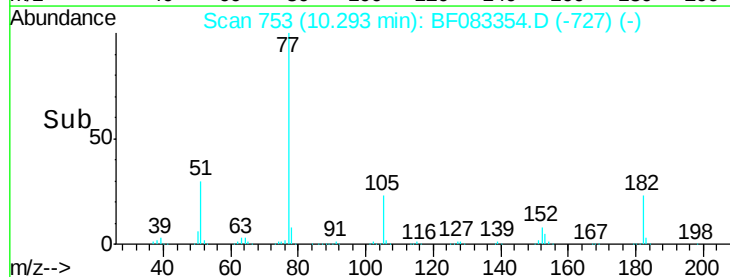
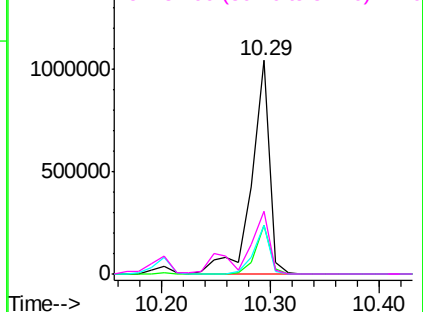


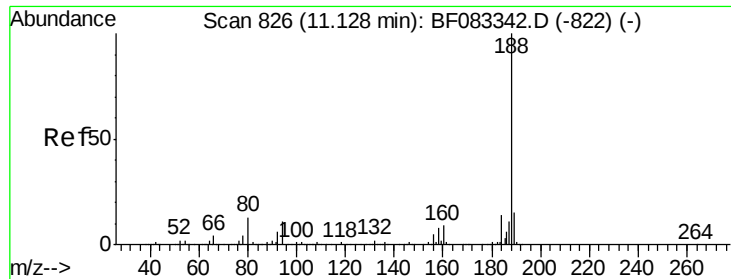
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





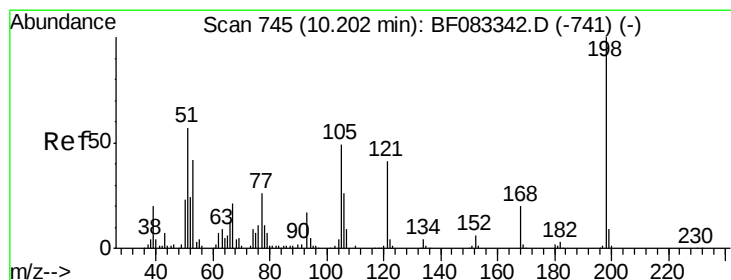
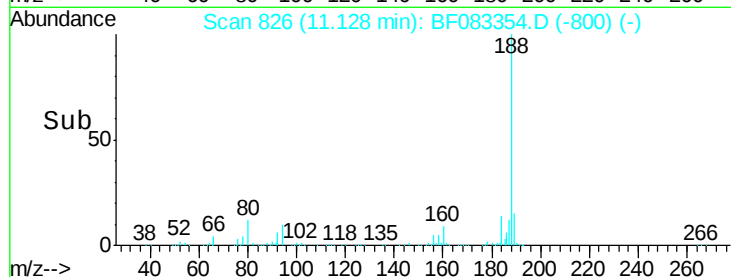
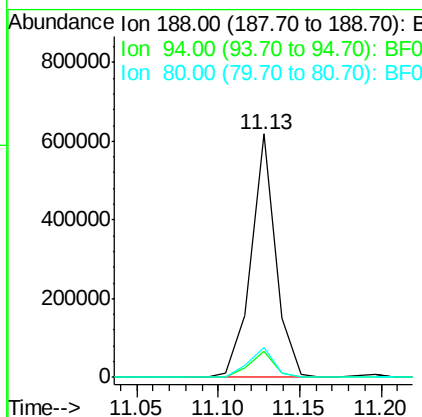
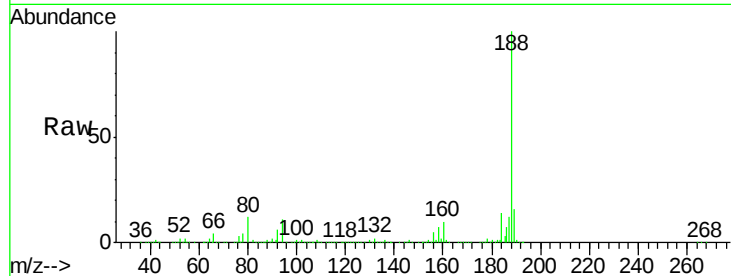
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	8.7	13.1
80	12.0	10.3	15.5

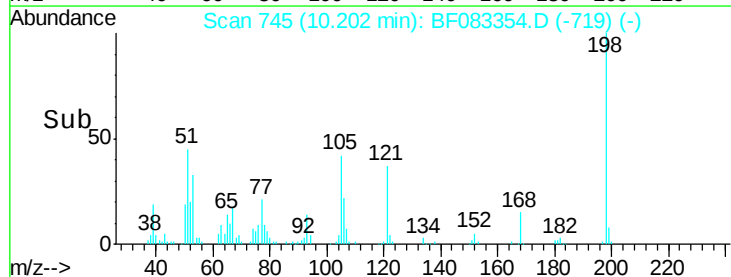
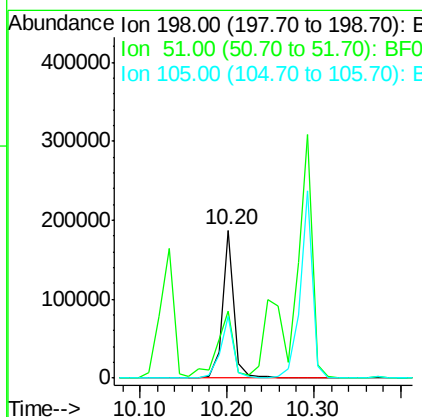
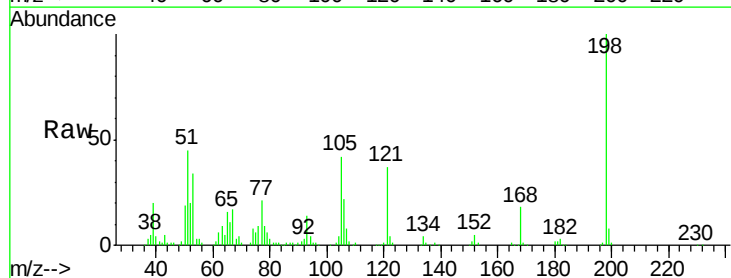
Manual Integrations
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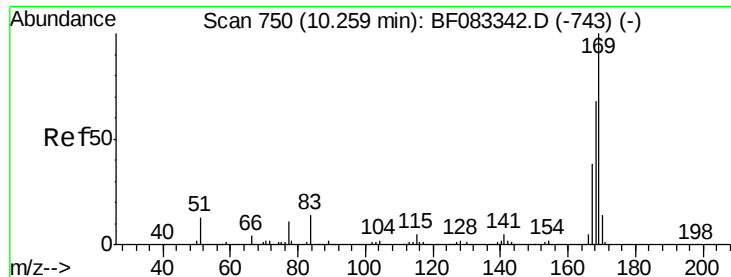
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12/1/2015 6:35:01 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.63 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

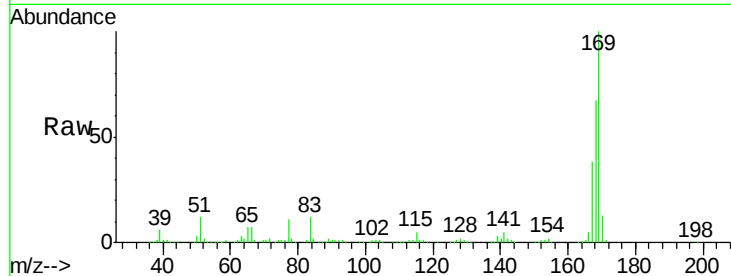
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	45.5	38.3	78.3
105	41.9	29.2	69.2





#65
 n-Nitrosodiphenylamine
 Concen: 35.90 ng
 RT: 10.26 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

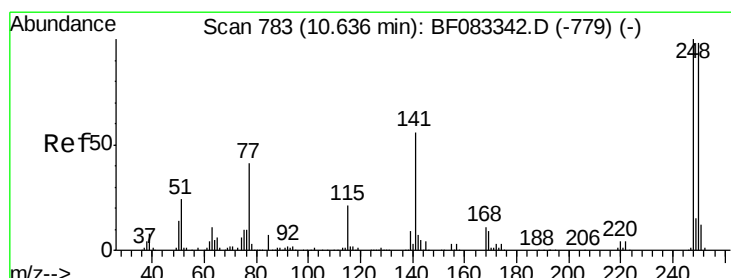
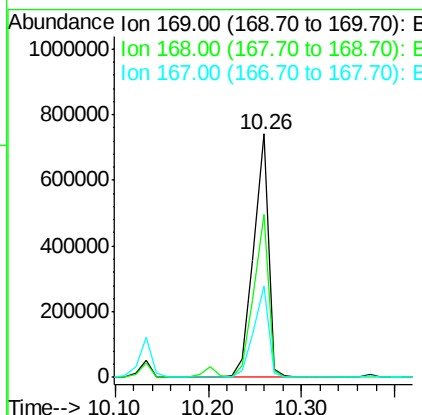
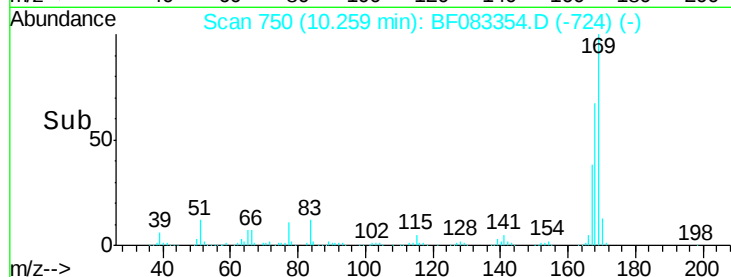
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	819265		
168	66.9	54.8	82.2	
167	37.5	30.2	45.2	

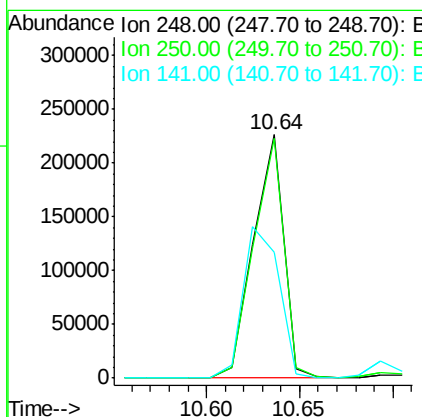
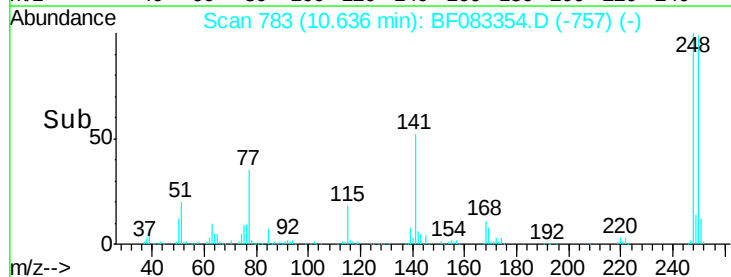
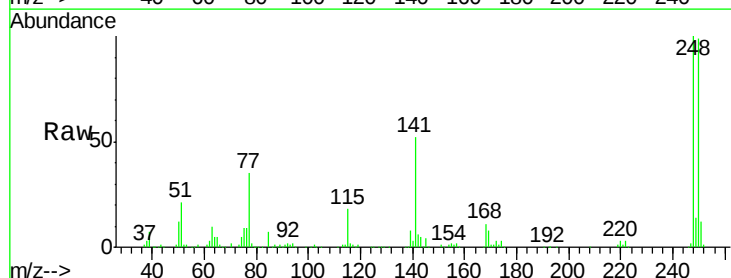
Manual Integrations
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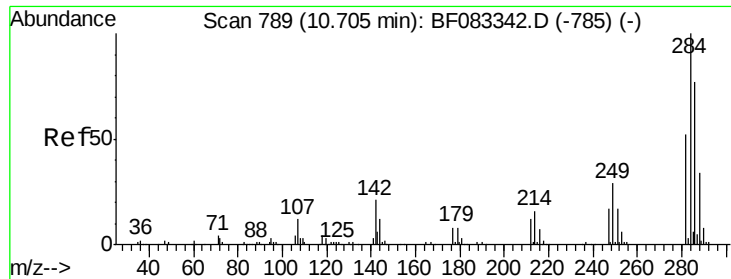
Mmdadoda
 12/1/2015 6:35:01 PM



#66
 4-Bromophenyl-phenylether
 Concen: 35.94 ng
 RT: 10.64 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	255330		
250	98.5	78.6	118.0	
141	51.7	44.4	66.6	





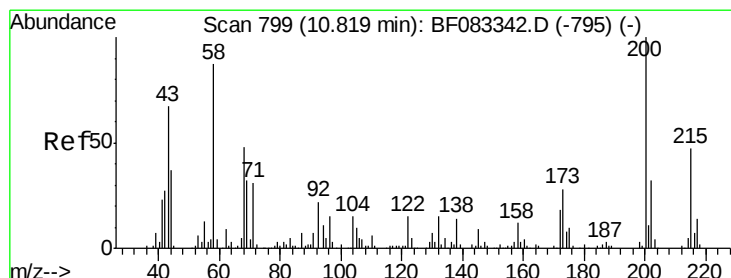
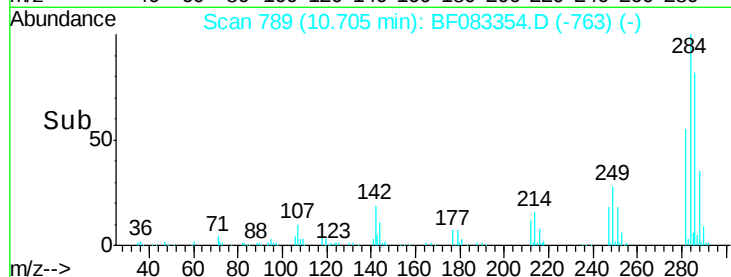
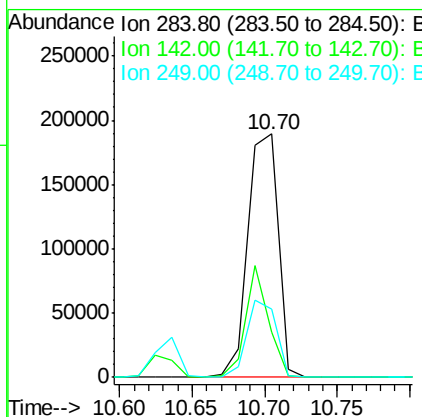
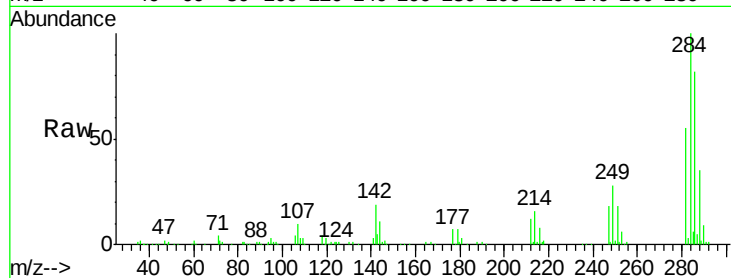
#67
Hexachlorobenzene
Concen: 35.07 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	18.5	16.6	24.8
249	28.2	23.0	34.4

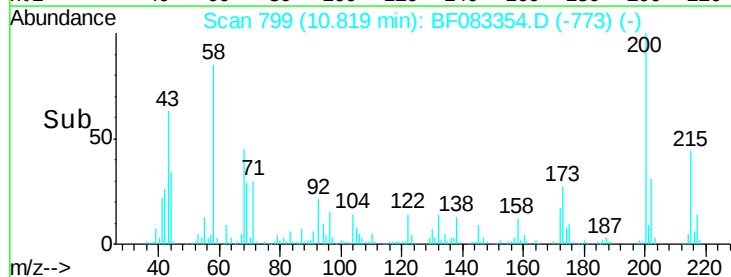
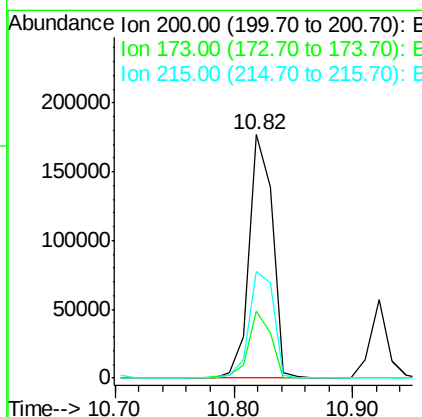
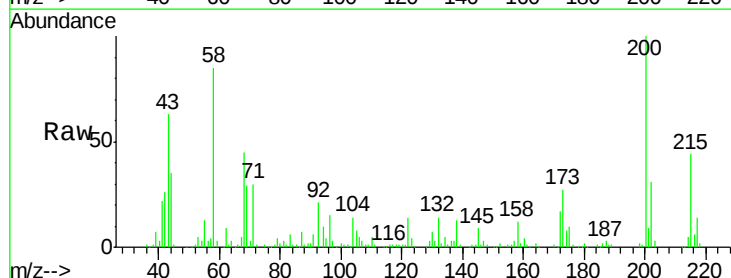
Manual Integrations
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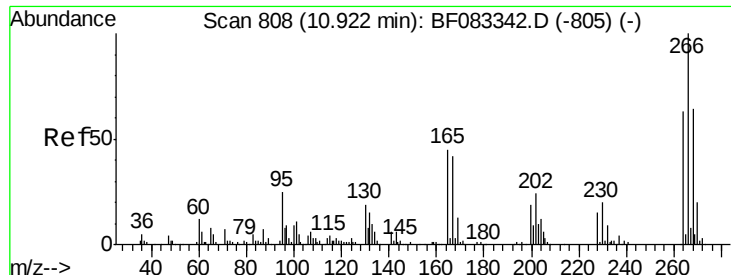
Mmdadoda
12/1/2015 6:35:01 PM



#68
Atrazine
Concen: 38.70 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	8.3	48.3
215	44.0	26.7	66.7





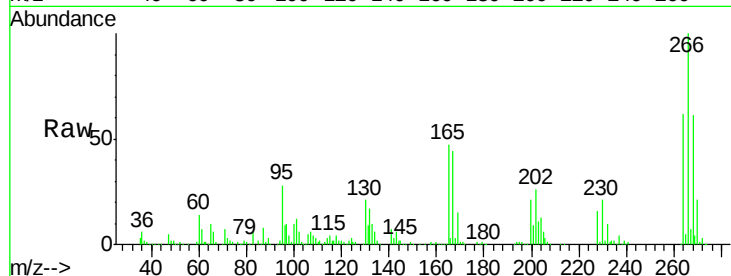
#69
 Pentachlorophenol
 Concen: 76.32 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

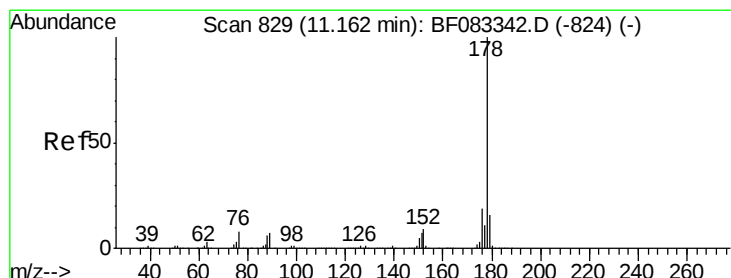
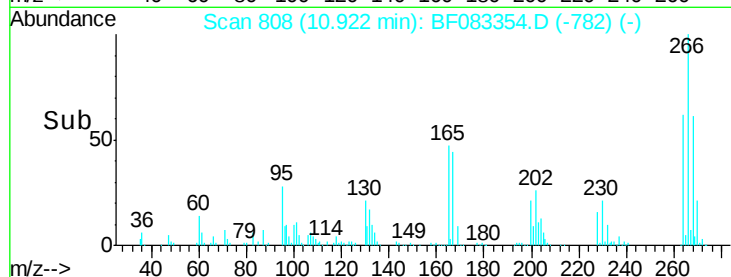
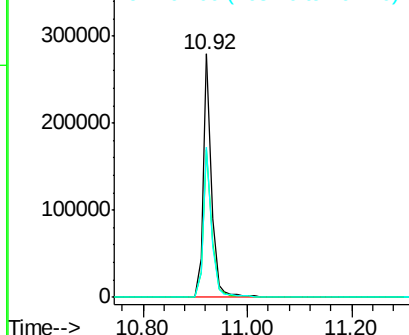
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	314030		
268	60.5	51.5	77.3	
264	61.8	50.4	75.6	

Manual Integrations
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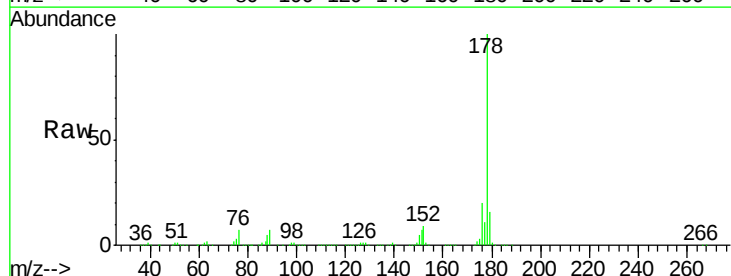


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

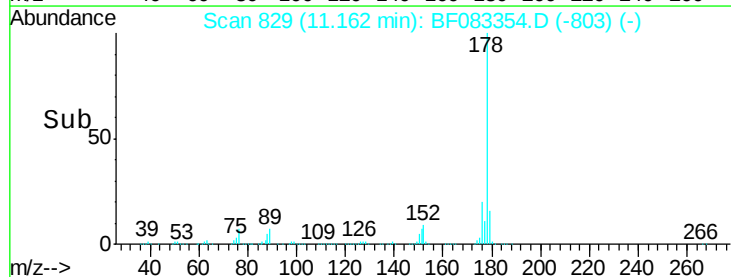
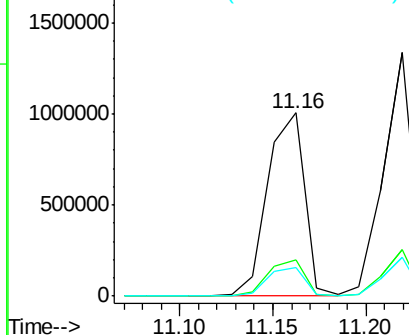


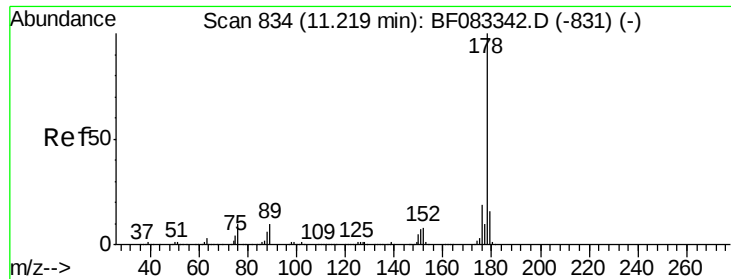
#70
 Phenanthrene
 Concen: 36.17 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1389959		
176	19.5	15.3	22.9	
179	15.6	12.4	18.6	



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





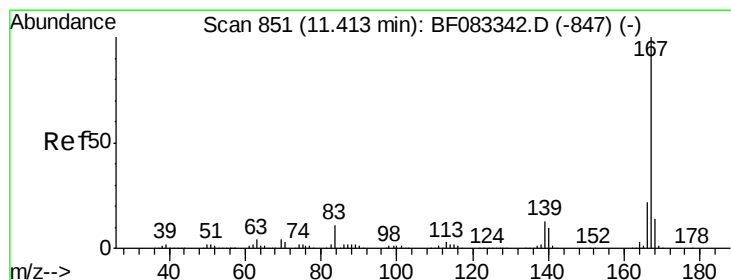
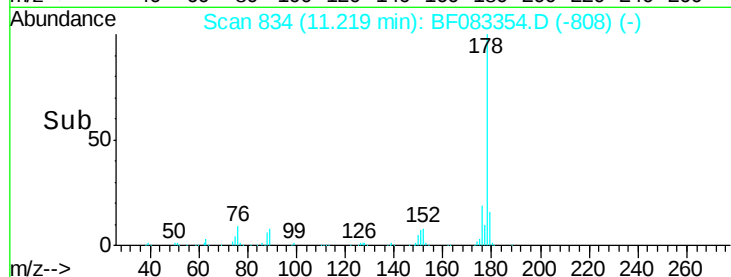
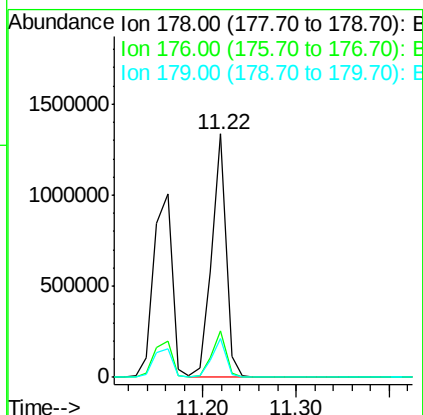
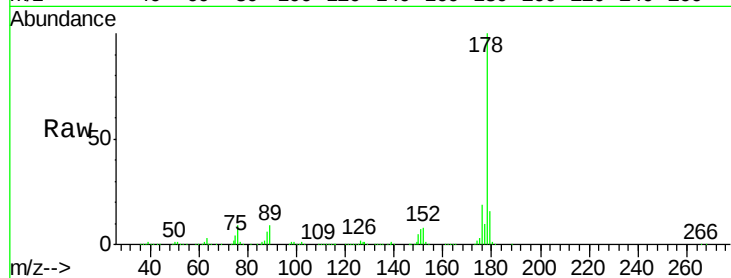
#71
 Anthracene
 Concen: 37.22 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion:178 Resp: 1439970
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.8 12.8 19.2

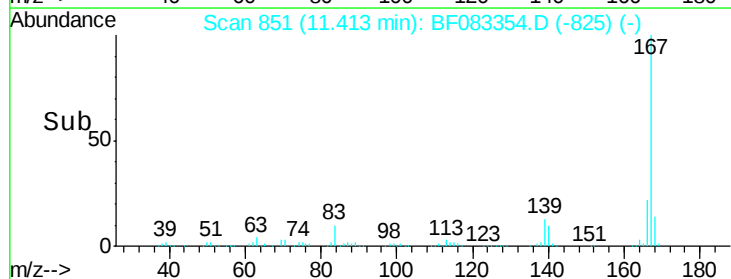
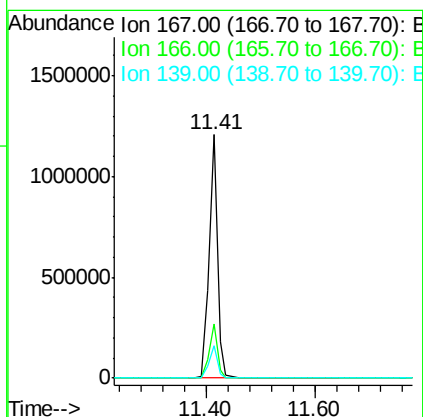
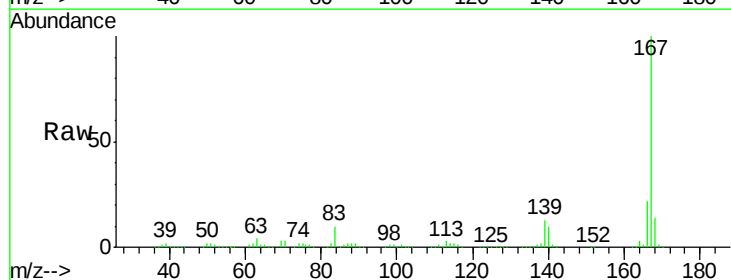
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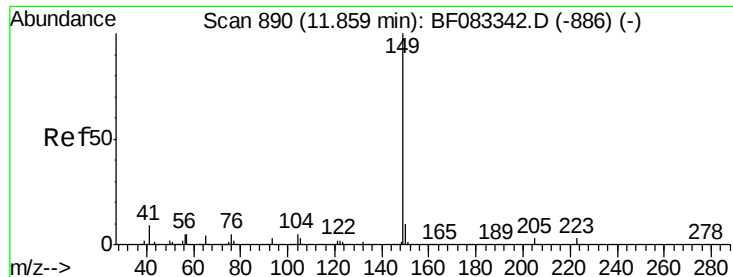
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 12/1/2015 6:35:01 PM



#72
 Carbazole
 Concen: 37.05 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:167 Resp: 1288045
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.3 10.5 15.7





#73

Di-n-butylphthalate

Concen: 36.80 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

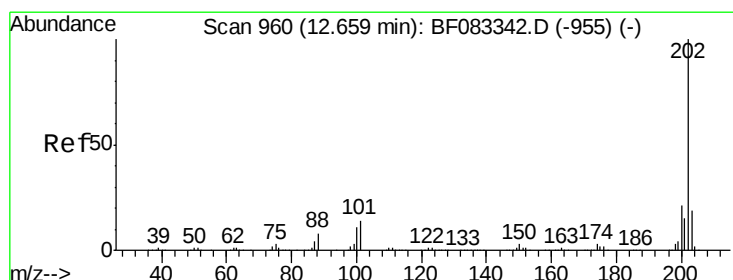
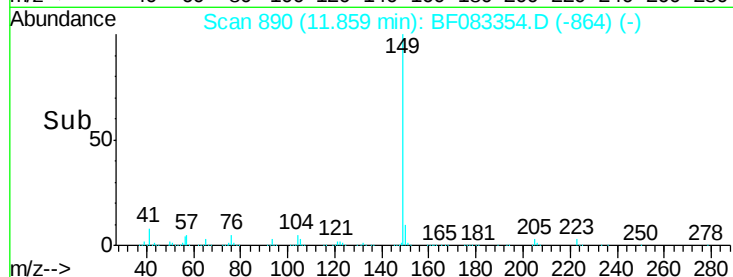
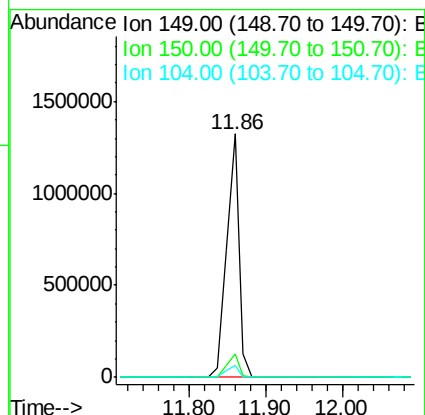
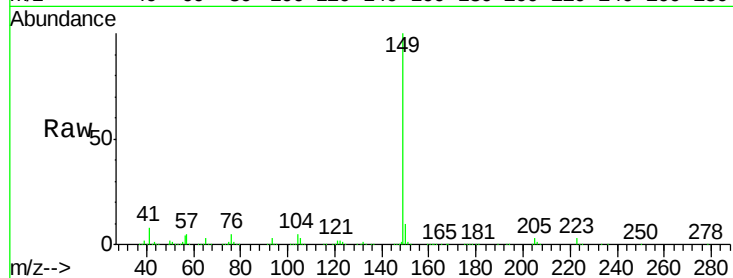
ClientSampleId :

PB86847BS

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Tgt Ion:	149	Resp:	1516095
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.8	4.0	6.0



#74

Fluoranthene

Concen: 36.25 ng

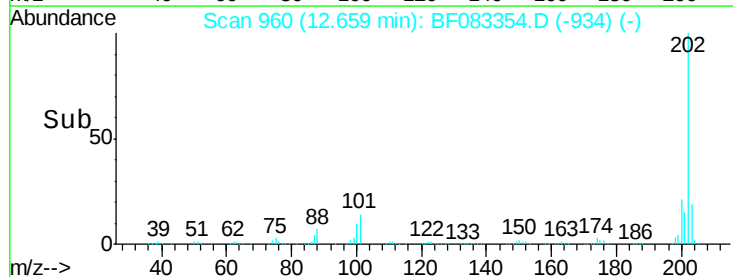
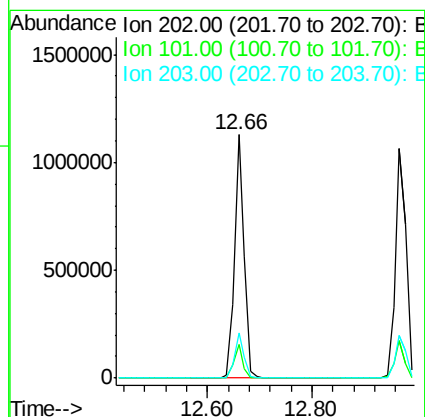
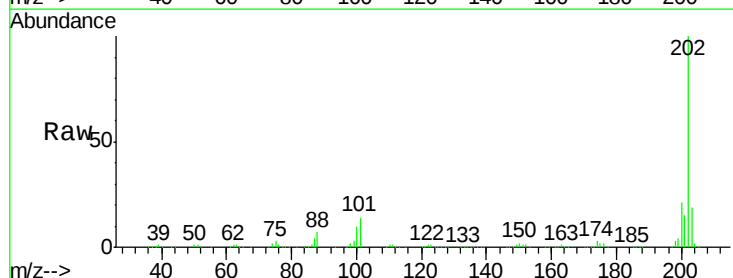
RT: 12.66 min Scan# 960

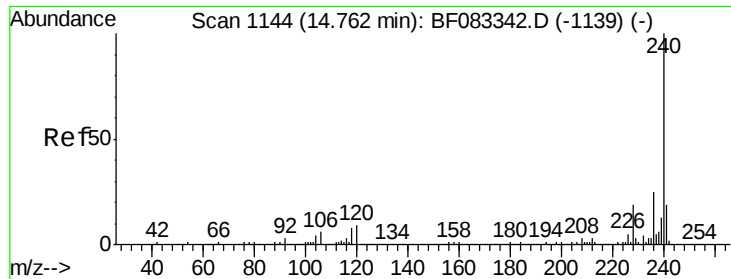
Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Tgt Ion:	202	Resp:	1444056
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.5
203	18.6	0.0	38.7





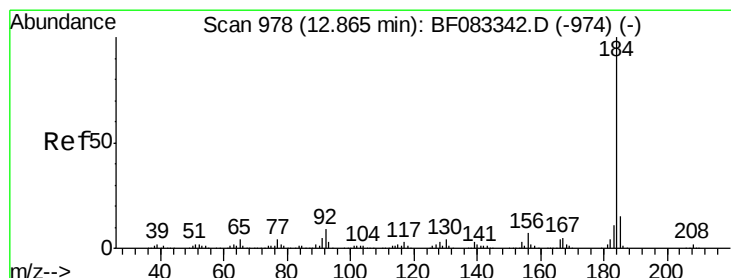
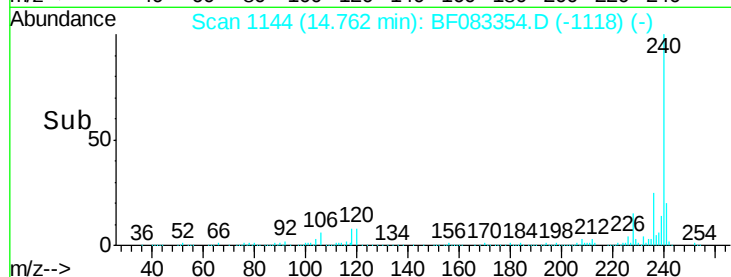
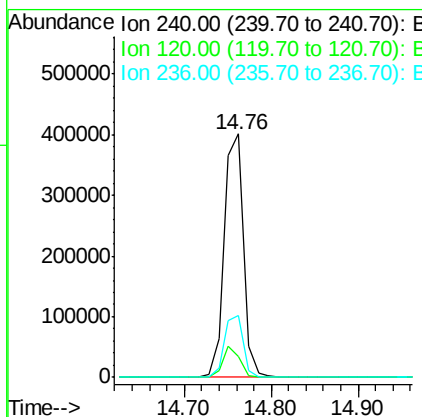
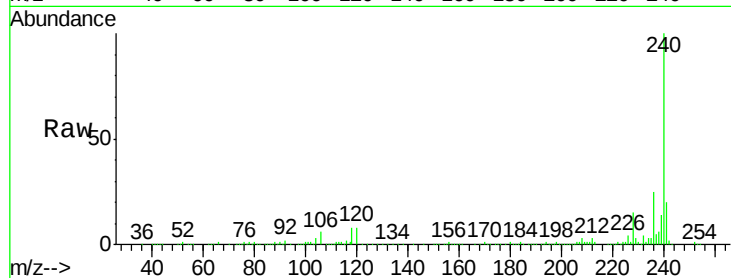
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	617899		
120	8.4	6.9	10.3	
236	25.3	19.8	29.6	

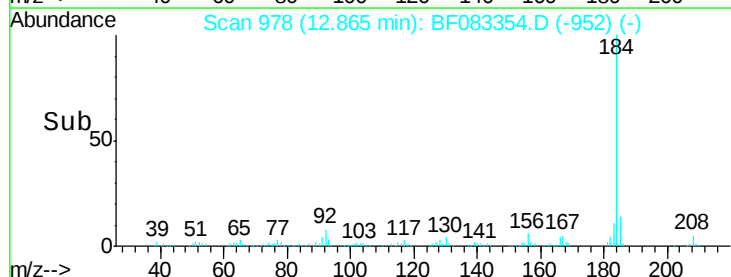
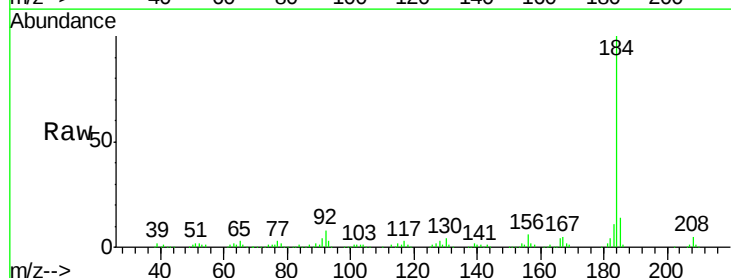
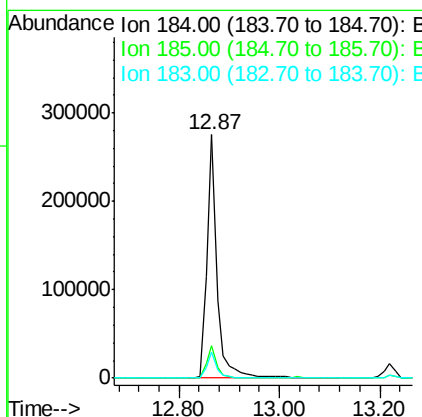
Manual Integrations
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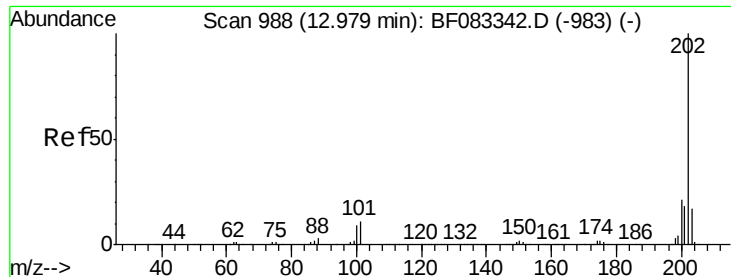
Mmdadoda
12/1/2015 6:35:01 PM



#76
Benzidine
Concen: 20.79 ng
RT: 12.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	382605		
185	13.5	12.4	18.6	
183	10.6	9.0	13.4	





#77

Pyrene

Concen: 34.69 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

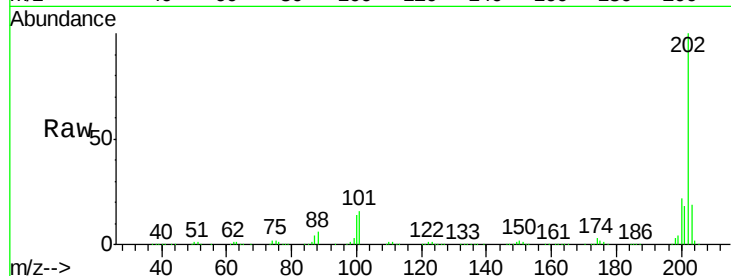
ClientSampleId :

PB86847BS

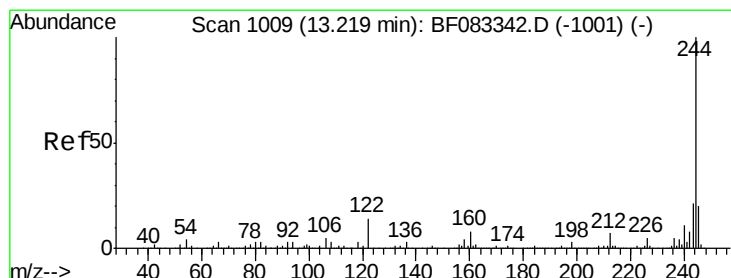
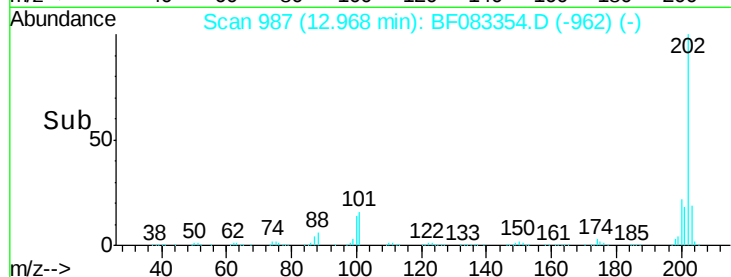
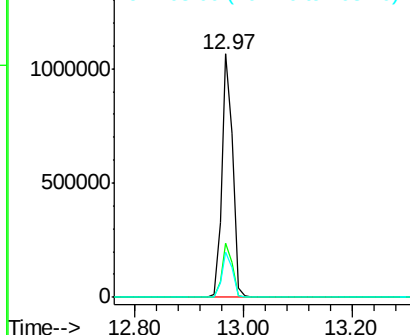
Tgt Ion:	202	Resp:	1496792
Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.8	13.9	20.9

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



#78

Terphenyl-d14

Concen: 68.39 ng

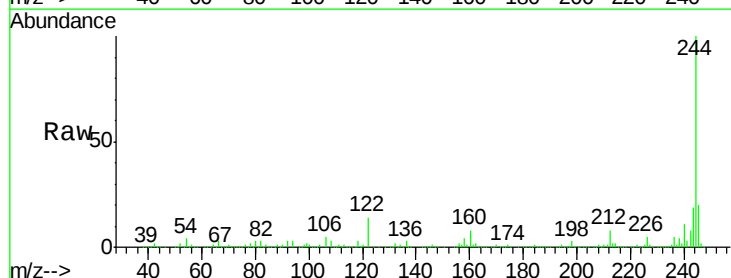
RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

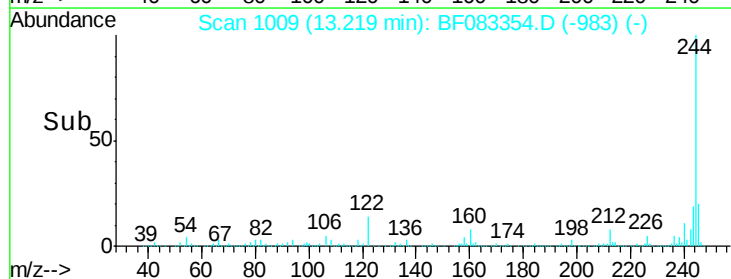
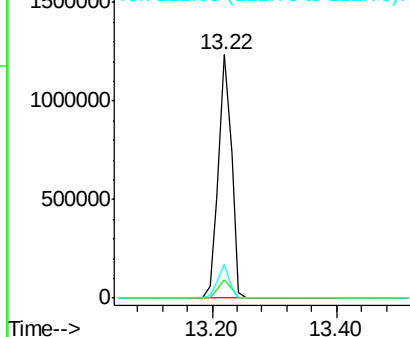
Lab File: BF083354.D

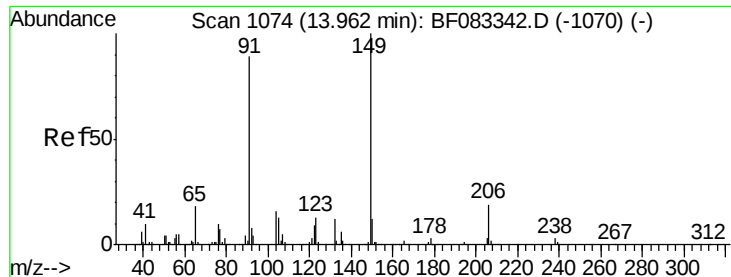
Acq: 1 Dec 2015 1:12

Tgt Ion:	244	Resp:	1772014
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	13.8	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: 35.48 ng

RT: 13.96 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF083354.D

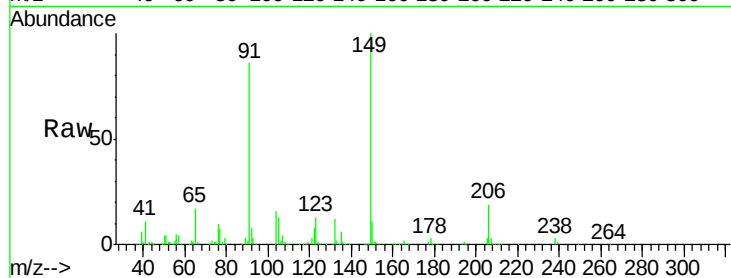
Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

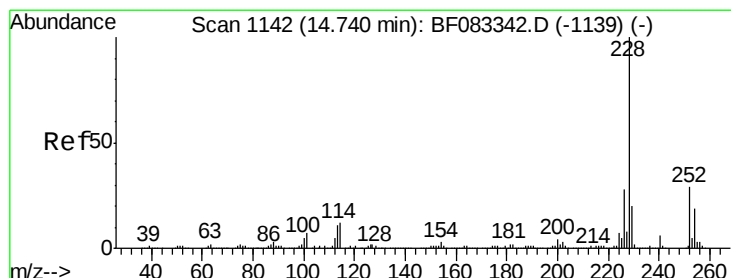
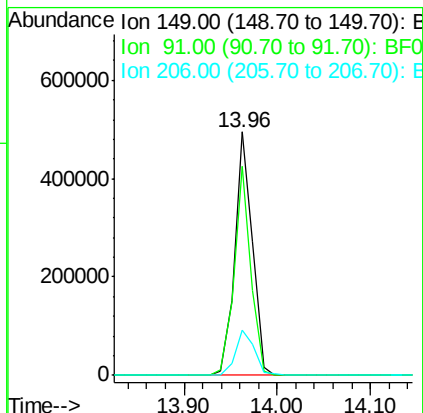
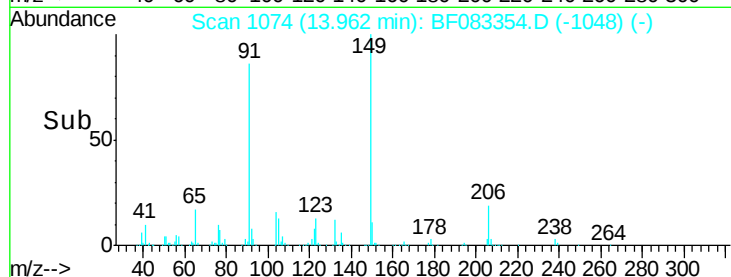
PB86847BS



Tgt Ion:	149	Resp:	649467
Ion Ratio	Lower	Upper	
149	100		
91	85.7	71.4	107.2
206	18.8	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 36.52 ng

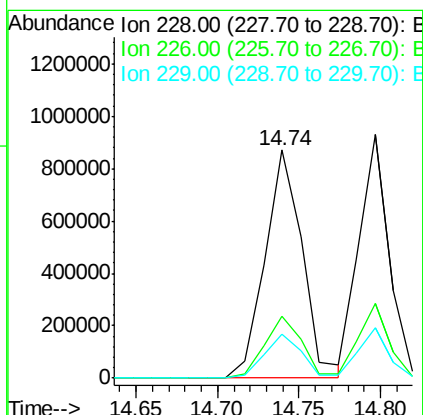
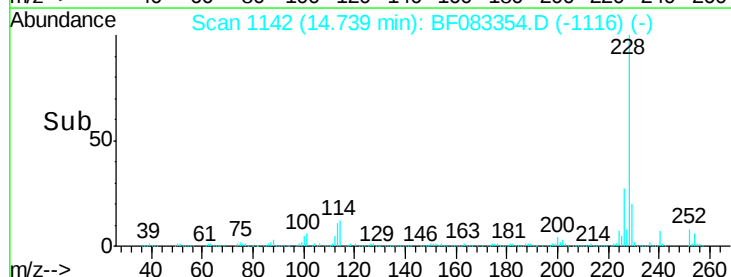
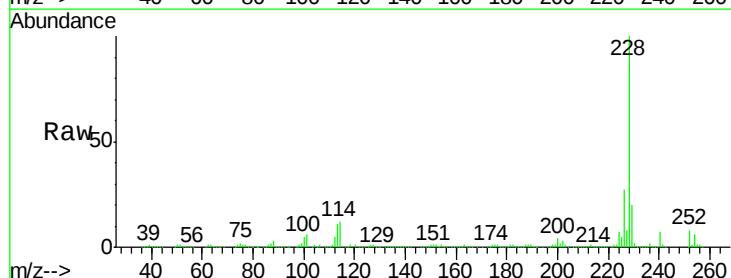
RT: 14.74 min Scan# 1142

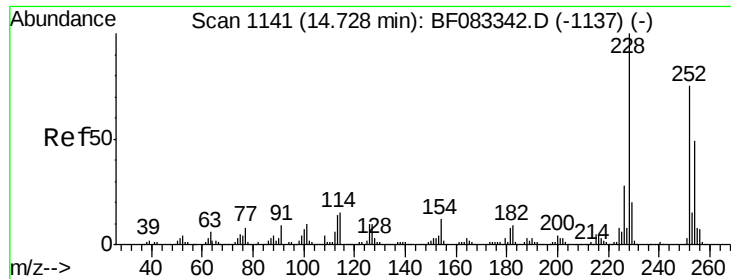
Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Tgt Ion:	228	Resp:	1382416
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.2	33.4
229	19.5	16.1	24.1





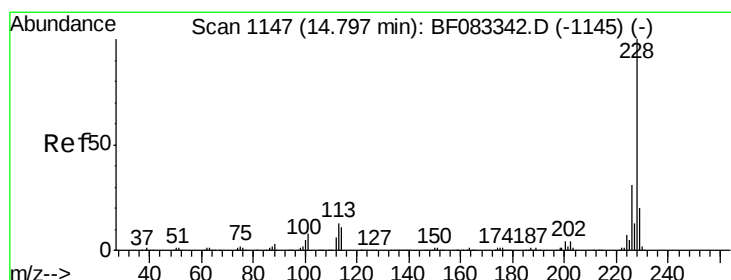
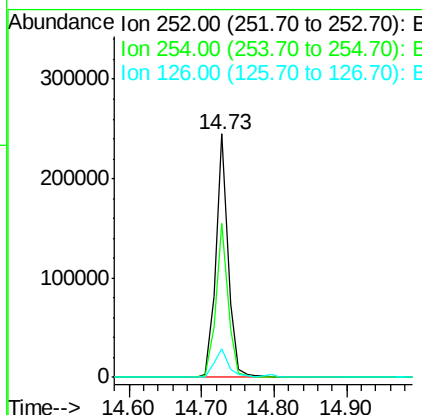
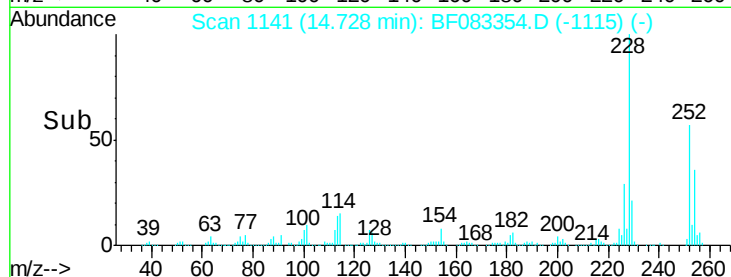
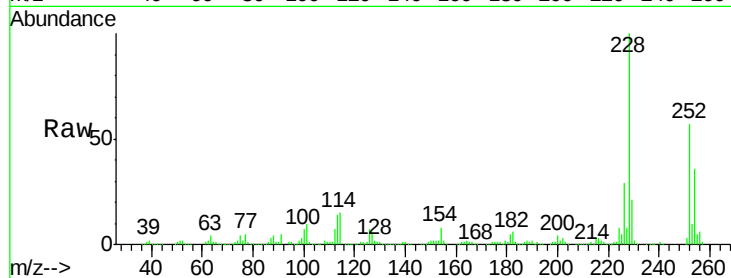
#81
 3,3'-Dichlorobenzidine
 Concen: 24.38 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	288270		
254	63.5	52.0	78.0	
126	11.8	10.7	16.1	

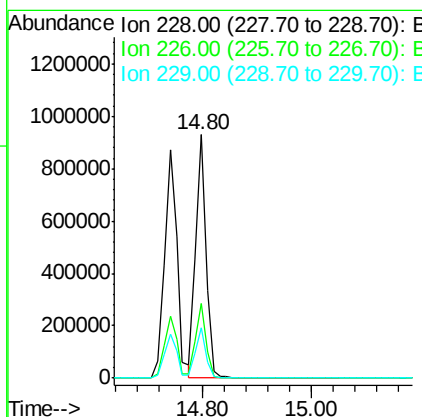
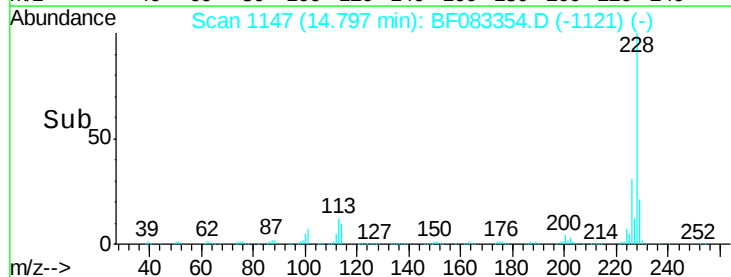
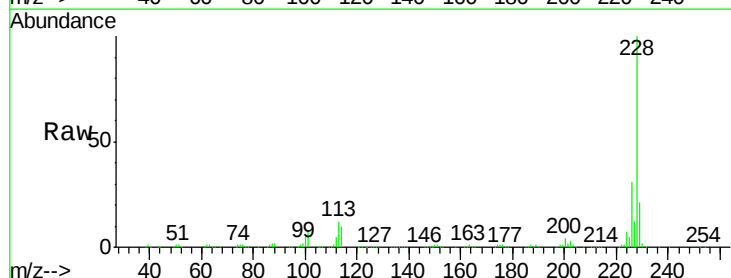
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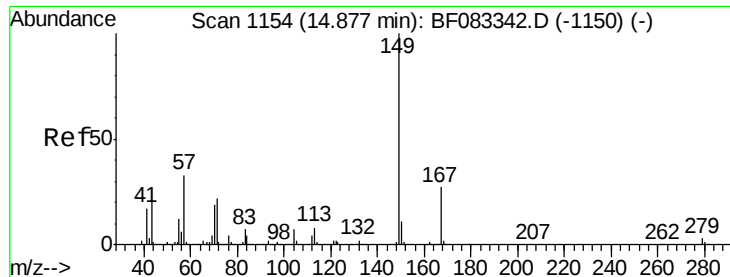
Mmdadoda
 12/1/2015 6:35:01 PM



#82
 Chrysene
 Concen: 33.31 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1218340		
226	30.8	24.6	37.0	
229	20.7	16.2	24.2	





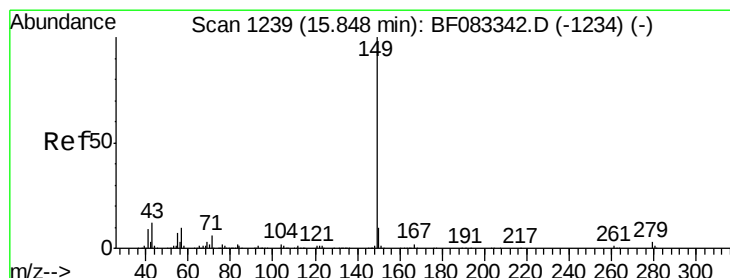
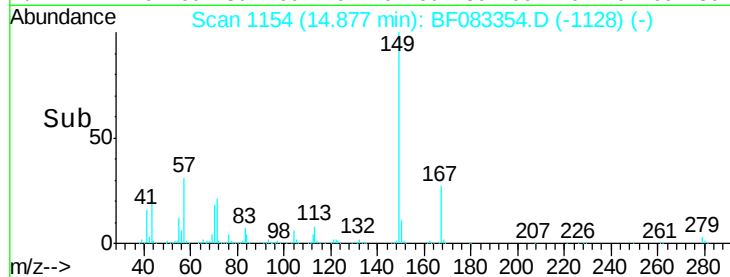
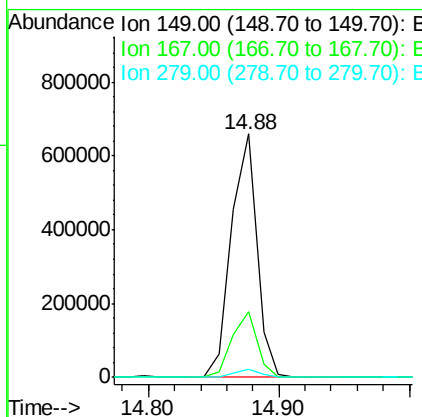
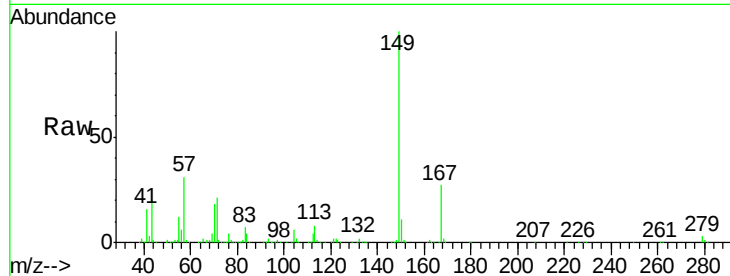
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.60 ng
 RT: 14.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	898683		
167	27.0	21.5	32.3	
279	3.3	2.6	3.8	

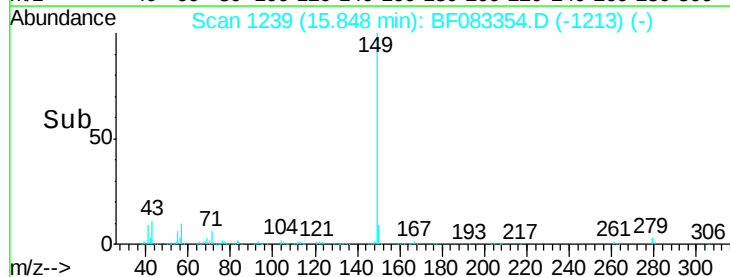
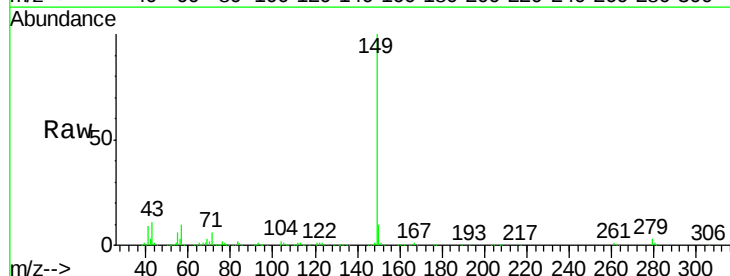
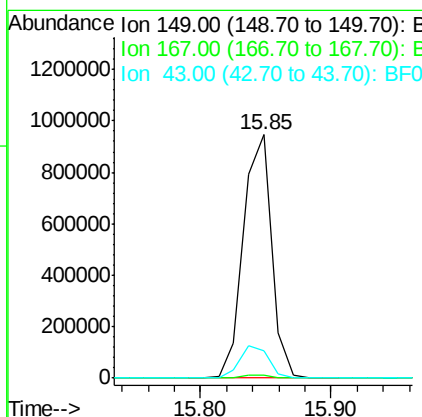
Manual Integrations
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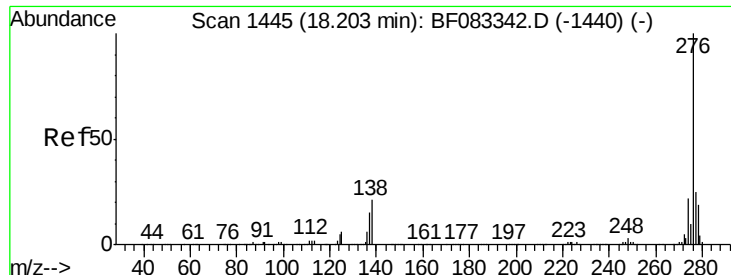
Mmdadoda
 12/1/2015 6:35:01 PM



#84
 Di-n-octyl phthalate
 Concen: 38.97 ng
 RT: 15.85 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

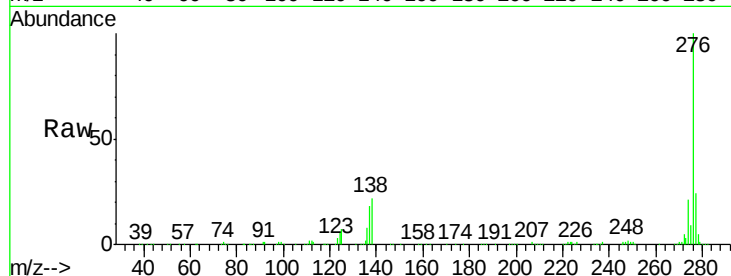
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1425116		
167	1.5	1.2	1.8	
43	13.6	11.0	16.6	





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.35 ng
 RT: 18.19 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

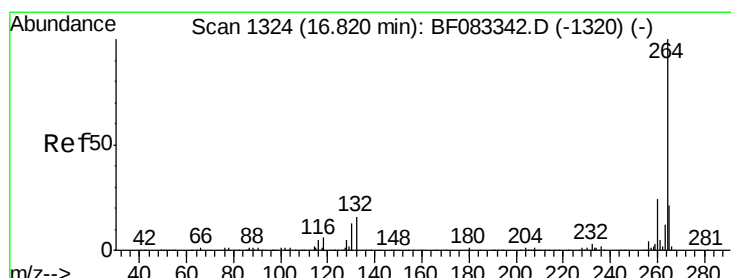
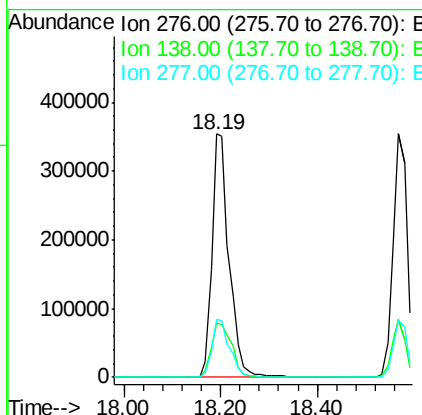
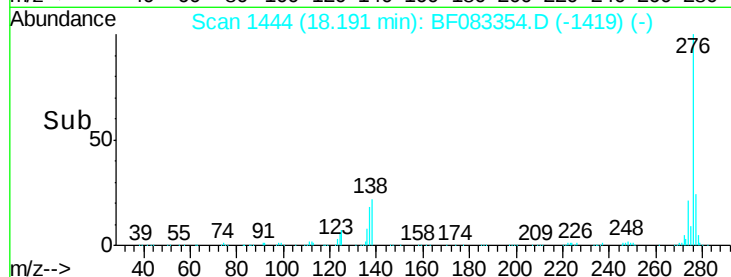
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS



Tgt Ion:	276	Resp:	888286
Ion Ratio	Lower	Upper	
276	100		
138	26.6	21.2	31.8
277	24.6	20.0	30.0

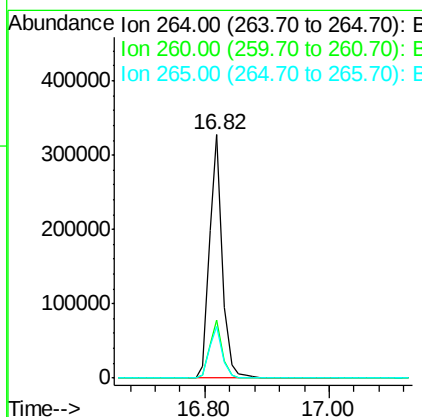
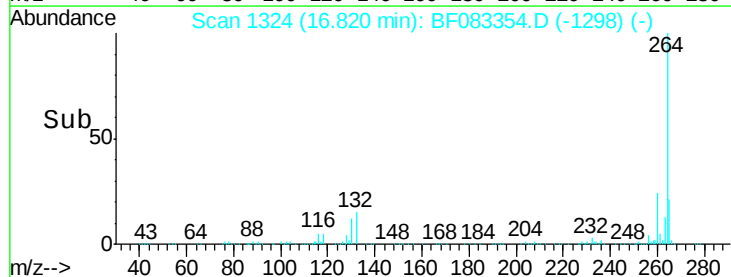
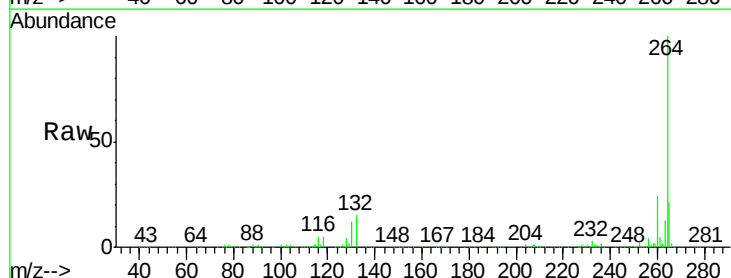
Manual Integrations
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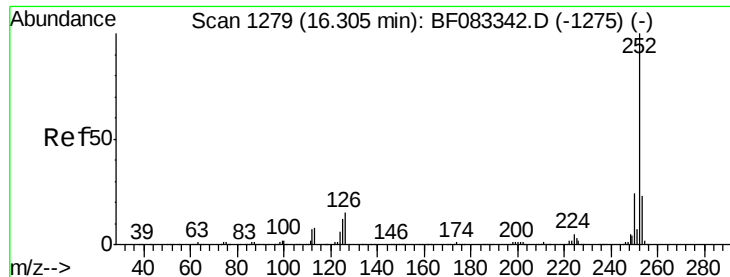
Mmdadoda
 12/1/2015 6:35:01 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:	264	Resp:	460563
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.0	28.4
265	21.5	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 38.05 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

Tgt Ion:252 Resp: 1124309

Ion Ratio Lower Upper

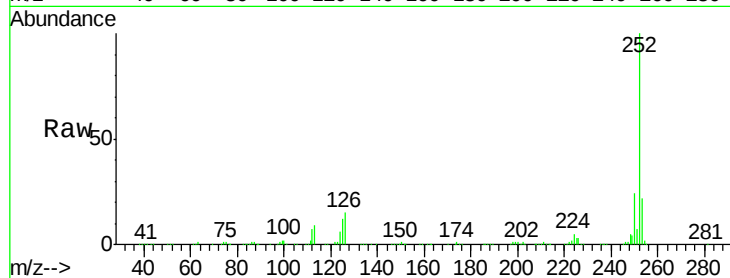
252 100

253 22.4 18.4 27.6

125 11.5 9.6 14.4

Manual Integrations
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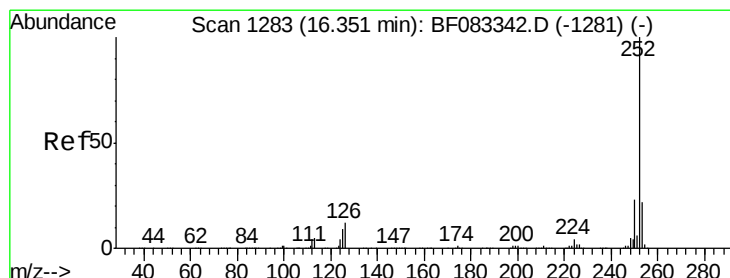
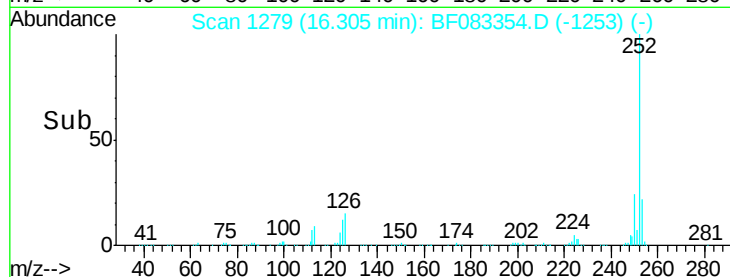
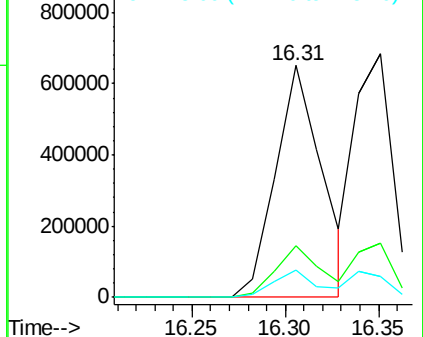
Mmdadoda
12/1/2015 6:35:01 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.47 ng

RT: 16.35 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Tgt Ion:252 Resp: 989853

Ion Ratio Lower Upper

252 100

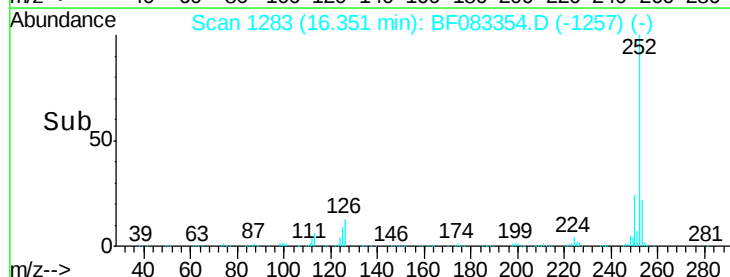
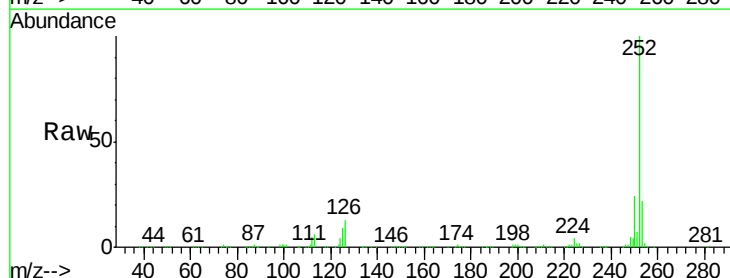
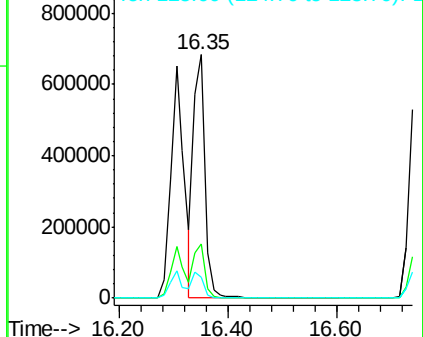
253 22.5 17.4 26.0

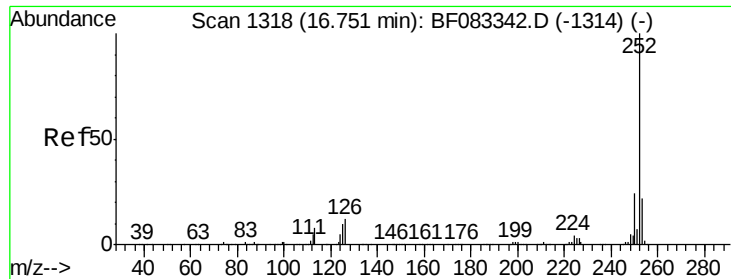
125 8.7 7.5 11.3

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





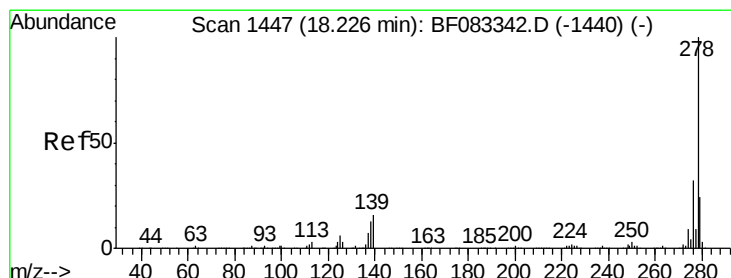
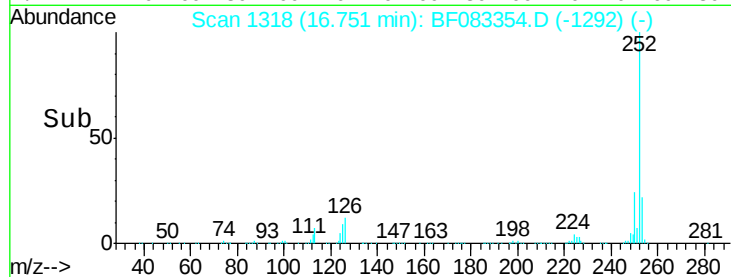
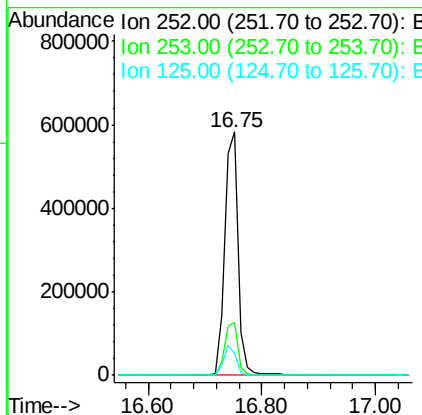
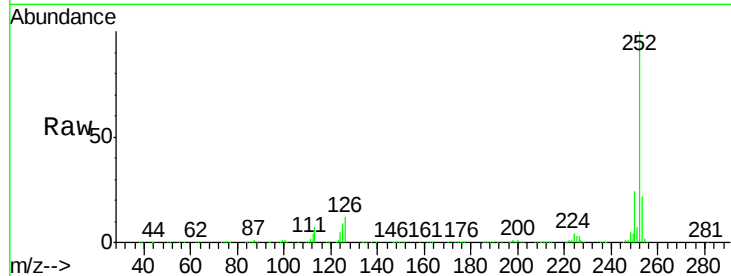
#89
Benzo(a)pyrene
Concen: 38.24 ng
RT: 16.75 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.7	17.5	26.3
125	9.3	7.8	11.8

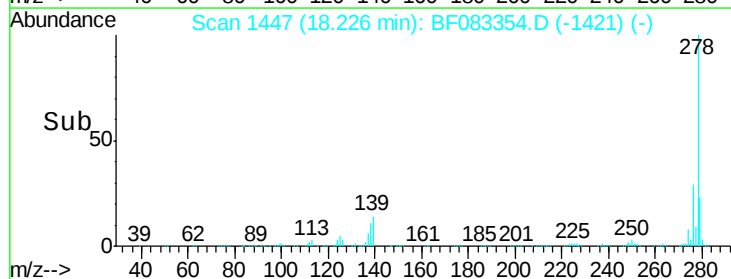
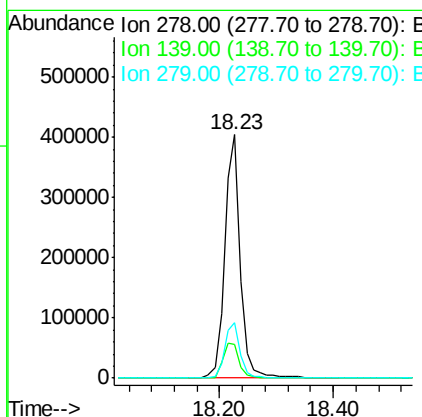
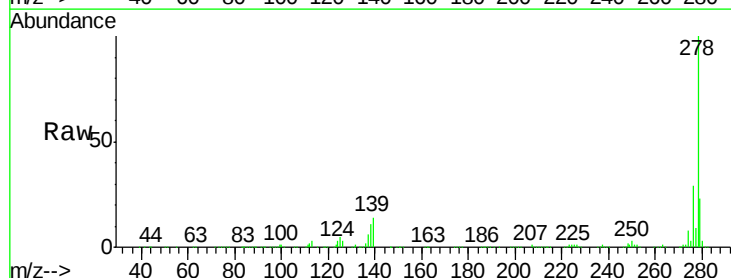
Manual Integrations
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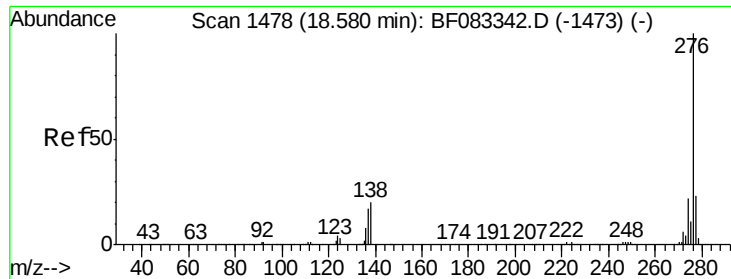
Mmdadoda
12/1/2015 6:35:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.71 ng
RT: 18.23 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	14.0	13.1	19.7
279	23.0	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 33.85 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion:	276	Resp:	734849
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	23.8	16.1	24.1

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:35:01 PM

