

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081490.D
 Acq On : 6 Sep 2015 4:37
 Operator : UM/IZ
 Sample : G3419-06MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Manual Integrations
 APPROVED

MMDadoda
 9/8/2015 3:56:55 PM

Quant Time: Sep 08 11:11:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 04:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	59735	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	220114	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	105541	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	200138	20.00	ng	0.00
75) Chrysene-d12	13.46	240	142381	20.00	ng	0.00
86) Perylene-d12	14.77	264	104561	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	244436	63.49	ng	0.01
7) Phenol-d6	6.03	99	205316	40.29	ng	0.00
23) Nitrobenzene-d5	6.95	82	467879	102.55	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	130558	138.93	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	707713	85.93	ng	0.00
78) Terphenyl-d14	12.45	244	586718	95.92	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.72	88	26134	15.11	ng	# 68
3) Pyridine	2.30	79	35890	7.53	ng	# 85
4) n-Nitrosodimethylamine	2.22	42	47709	18.01	ng	# 72
6) Aniline	6.02	93	101654	14.13	ng	# 77
8) 2-Chlorophenol	6.15	128	147466	34.76	ng	95
9) Benzaldehyde	5.90	77	21515	6.74	ng	# 78
10) Phenol	6.04	94	76347	12.92	ng	# 61
11) bis(2-Chloroethyl)ether	6.11	93	197407	46.30	ng	95
12) 1,3-Dichlorobenzene	6.30	146	170846	37.69	ng	# 93
13) 1,4-Dichlorobenzene	6.38	146	176512	38.24	ng	# 89
14) 1,2-Dichlorobenzene	6.52	146	148083	35.63	ng	# 85
15) Benzyl Alcohol	6.52	79	110324	26.39	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	367129	44.92	ng	81
17) 2-Methylphenol	6.66	107	102667	30.33	ng	# 71
18) Hexachloroethane	6.87	117	68057	37.90	ng	96
19) n-Nitroso-di-n-propylamine	6.81	70	155958	44.96	ng	# 86
20) 3+4-Methylphenols	6.82	107	116087	25.43	ng	87
22) Acetophenone	6.79	105	268714	44.70	ng	# 74
24) Nitrobenzene	6.96	77	210386	44.41	ng	# 61
25) Isophorone	7.21	82	376671	44.39	ng	# 88
26) 2-Nitrophenol	7.28	139	91512	44.32	ng	# 42
27) 2,4-Dimethylphenol	7.35	122	148899	41.75	ng	# 82
28) bis(2-Chloroethoxy)methane	7.43	93	215135	43.89	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	134864	43.61	ng	92
30) 1,2,4-Trichlorobenzene	7.60	180	143419	42.69	ng	97
31) Naphthalene	7.67	128	462328	39.38	ng	98
32) Benzoic acid	7.47	122	29113	13.37	ng	# 51
33) 4-Chloroaniline	7.74	127	84919	17.74	ng	# 81
34) Hexachlorobutadiene	7.79	225	80893	39.56	ng	96
35) Caprolactam	8.16	113	8775m	9.25	ng	
36) 4-Chloro-3-methylphenol	8.24	107	139988	40.44	ng	# 73
37) 2-Methylnaphthalene	8.36	142	354362	46.39	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	142688	42.75	ng	98
40) Hexachlorocyclopentadiene	8.52	237	137602	84.00	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	88529	38.43	ng	99
43) 2,4,5-Trichlorophenol	8.71	196	102479	43.61	ng #	89
45) 1,1'-Biphenyl	8.83	154	427983	44.08	ng	95
46) 2-Chloronaphthalene	8.84	162	265656	37.89	ng #	87
47) 2-Nitroaniline	8.96	65	127865	44.74	ng #	58
48) Acenaphthylene	9.26	152	507868	40.83	ng	97
49) Dimethylphthalate	9.15	163	381035	46.47	ng #	97
50) 2,6-Dinitrotoluene	9.21	165	83794	45.02	ng #	64
51) Acenaphthene	9.43	154	321304	45.40	ng	91
52) 3-Nitroaniline	9.37	138	54442	25.70	ng #	49
53) 2,4-Dinitrophenol	9.48	184	85165	108.64	ng #	39
54) Dibenzofuran	9.60	168	459115	44.43	ng #	85
55) 4-Nitrophenol	9.58	139	33264m	24.99	ng	
56) 2,4-Dinitrotoluene	9.61	165	113117	47.73	ng #	92
57) Fluorene	9.93	166	345881	44.11	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	77938	43.44	ng #	87
59) Diethylphthalate	9.84	149	357977	41.50	ng	95
60) 4-Chlorophenyl-phenylether	9.94	204	173706	47.53	ng	95
61) 4-Nitroaniline	9.98	138	69433	32.44	ng #	18
62) Azobenzene	10.09	77	390468	40.72	ng #	79
64) 4,6-Dinitro-2-methylphenol	10.01	198	51266	45.80	ng #	76
65) n-Nitrosodiphenylamine	10.07	169	317391	43.58	ng	92
66) 4-Bromophenyl-phenylether	10.42	248	94029	46.46	ng	94
67) Hexachlorobenzene	10.48	284	95981	45.36	ng #	85
68) Atrazine	10.62	200	84154	39.93	ng	82
69) Pentachlorophenol	10.68	266	107639	101.82	ng	99
70) Phenanthrene	10.88	178	431621	38.79	ng	97
71) Anthracene	10.94	178	516027	45.14	ng	98
72) Carbazole	11.10	167	407971	38.03	ng #	95
73) Di-n-butylphthalate	11.45	149	573850	45.30	ng #	98
74) Fluoranthene	12.06	202	547567	45.46	ng	85
77) Pyrene	12.27	202	504244	47.81	ng	98
79) Butylbenzylphthalate	12.93	149	242830	52.94	ng #	83
80) Benzo(a)anthracene	13.45	228	402488	44.39	ng	98
81) 3,3'-Dichlorobenzidine	13.43	252	56317	18.41	ng #	97
82) Chrysene	13.49	228	346755	42.66	ng	95
83) Bis(2-ethylhexyl)phthalate	13.49	149	308965	51.04	ng #	88
84) Di-n-octyl phthalate	14.09	149	468966	47.05	ng	97
85) Indeno(1,2,3-cd)pyrene	15.85	276	300362	50.37	ng #	84
87) Benzo(b)fluoranthene	14.45	252	340116m	45.56	ng	
88) Benzo(k)fluoranthene	14.47	252	261119m	42.16	ng	
89) Benzo(a)pyrene	14.72	252	271277	42.88	ng #	88
90) Dibenzo(a,h)anthracene	15.86	278	253085	51.78	ng #	75
91) Benzo(g,h,i)perylene	16.16	276	257307	55.15	ng #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

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BNA_F

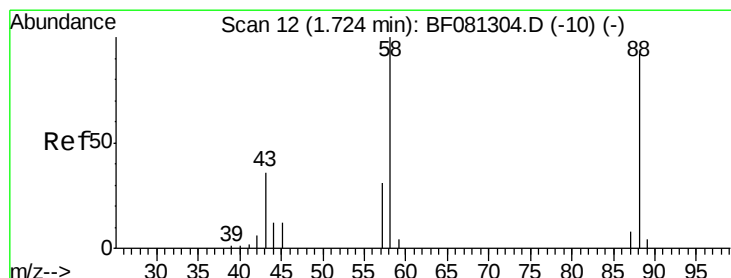
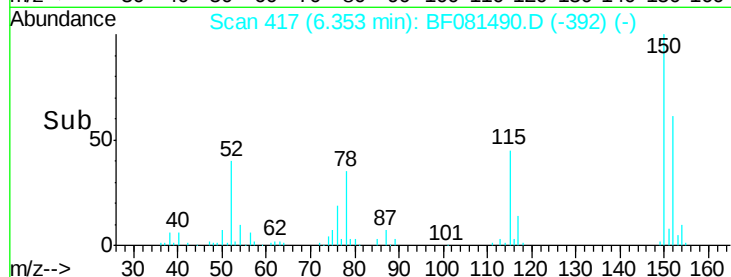
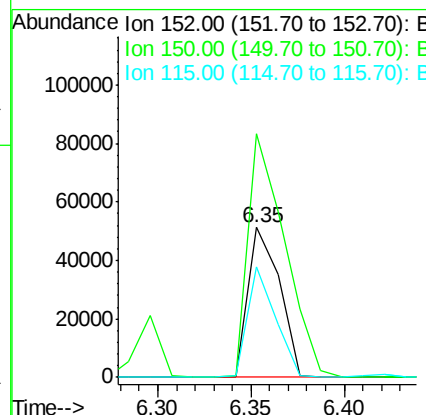
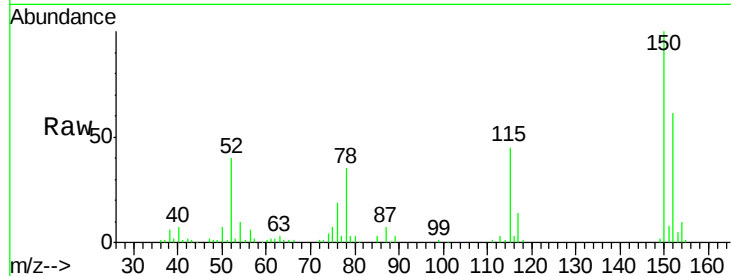
ClientSampleId :

HX2MS

Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.7	187.1
115	73.9	39.0	58.4



#2

1,4-Dioxane

Concen: 15.11 ng

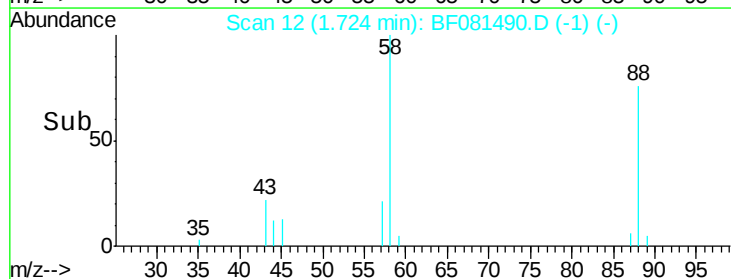
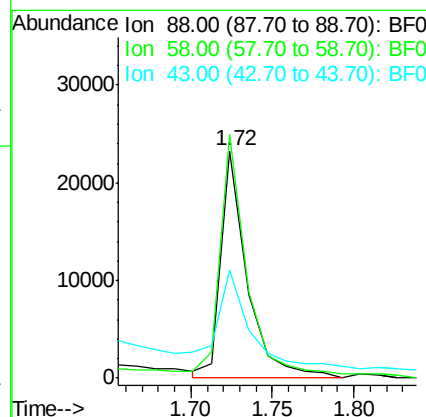
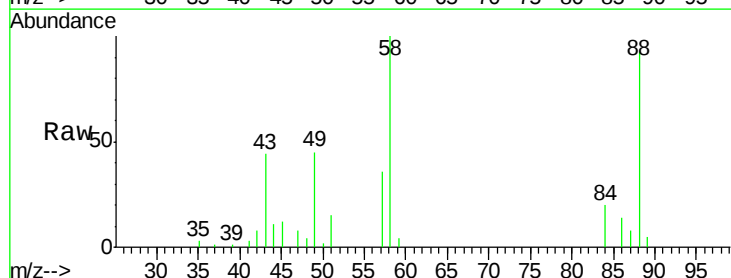
RT: 1.72 min Scan# 12

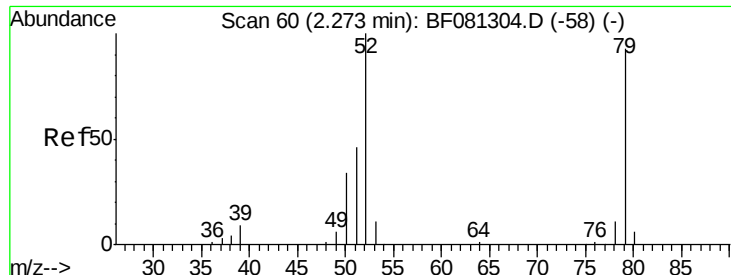
Delta R.T. 0.06 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	114.9	77.7	116.5
43	75.0	26.6	40.0





#3

Pyridine

Concen: 7.53 ng

RT: 2.30 min Scan# 62

Delta R.T. 0.08 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

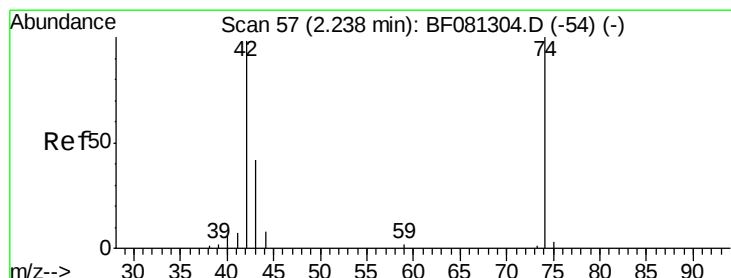
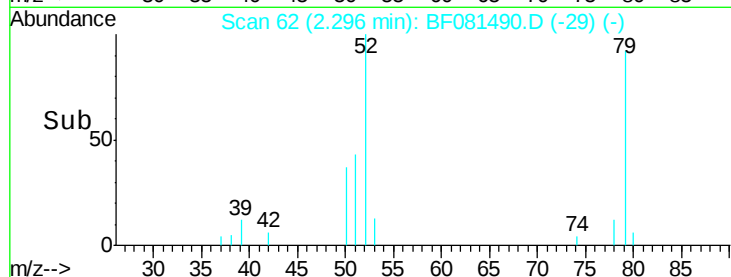
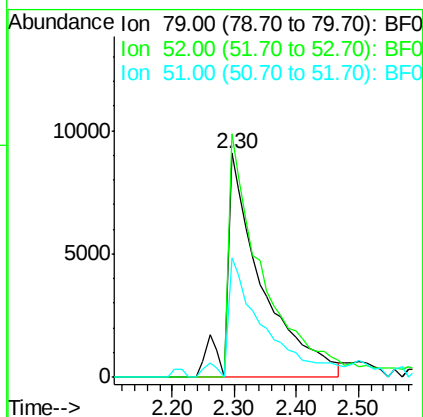
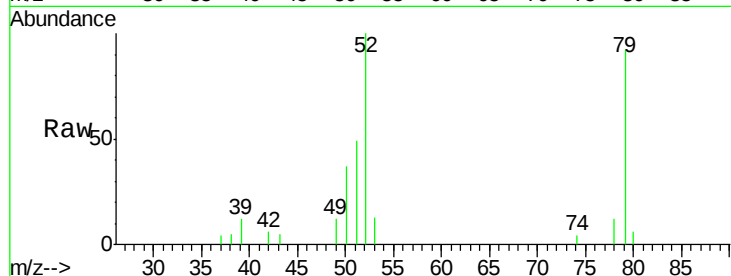
ClientSampleId :

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Tgt Ion:	79	Resp:	35890
Ion	Ratio	Lower	Upper
79	100		
52	108.7	76.8	115.2
51	53.4	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 18.01 ng

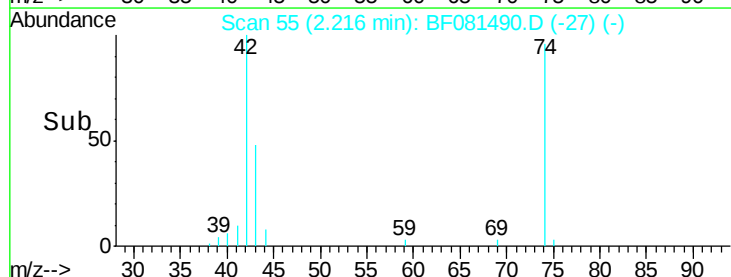
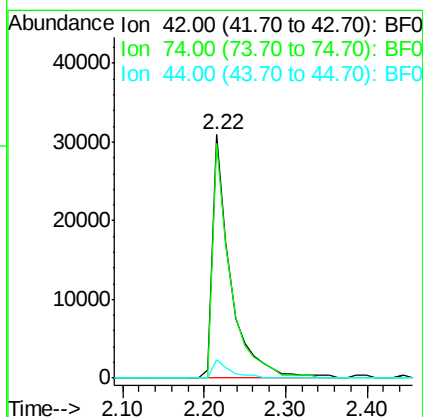
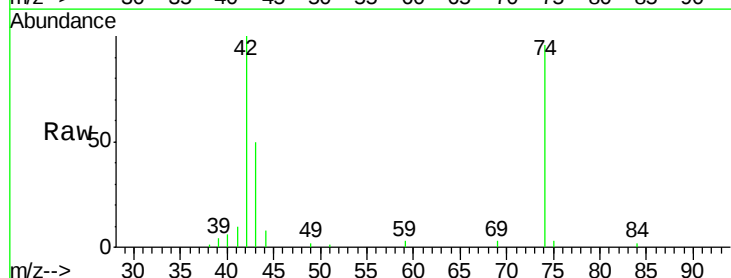
RT: 2.22 min Scan# 55

Delta R.T. 0.02 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Tgt Ion:	42	Resp:	47709
Ion	Ratio	Lower	Upper
42	100		
74	96.4	105.0	157.6#
44	7.7	6.6	10.0





#5

2-Fluorophenol

Concen: 63.49 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

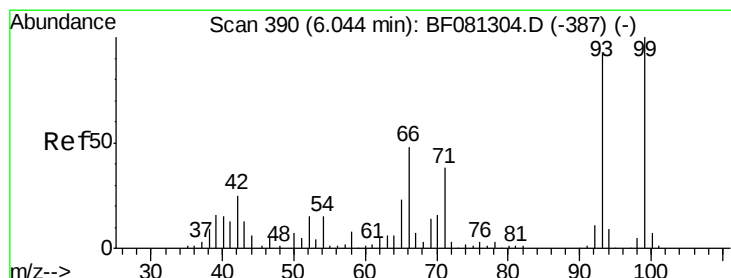
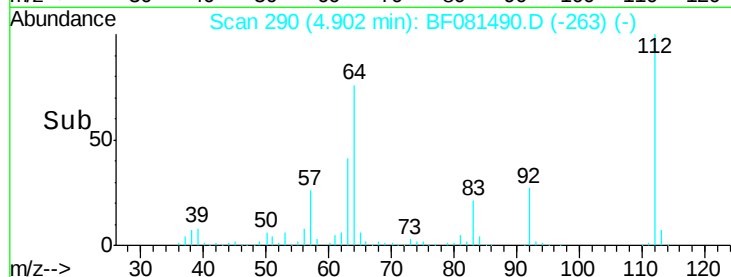
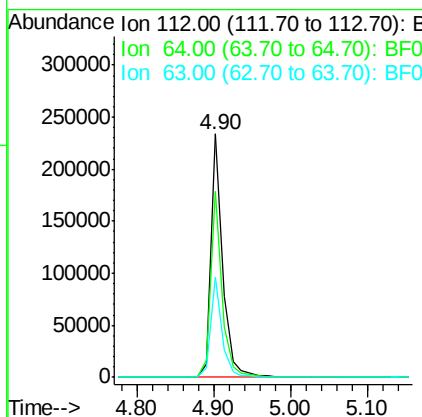
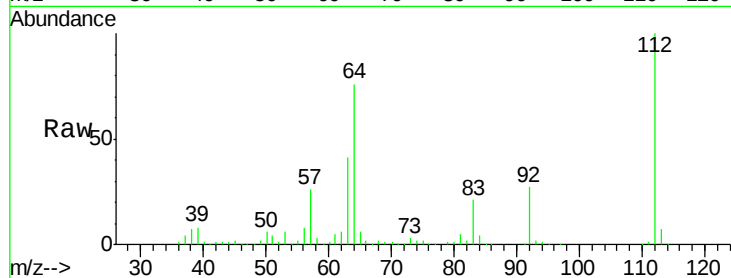
ClientSampleId :

HX2MS

Tgt Ion:	112	Resp:	244436
Ion Ratio		Lower	Upper
112	100		
64	76.3	39.7	59.5#
63	41.0	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 14.13 ng

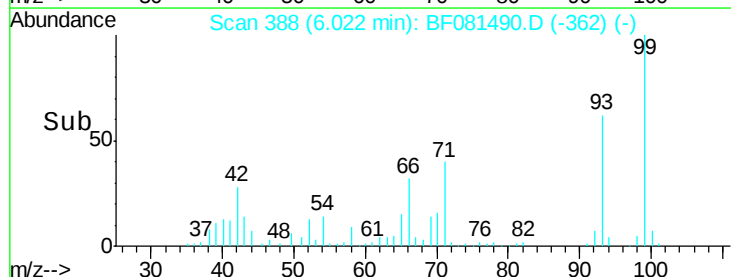
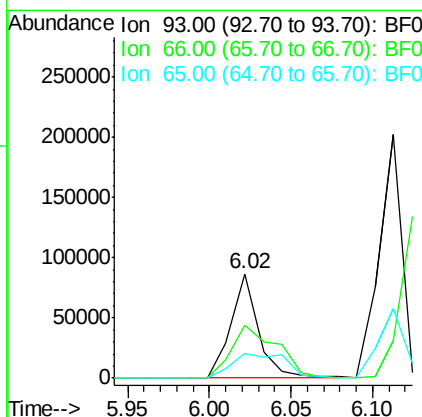
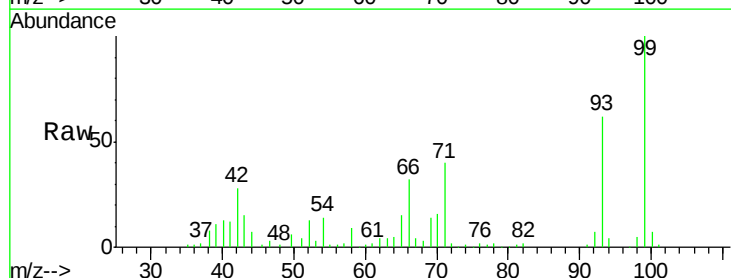
RT: 6.02 min Scan# 388

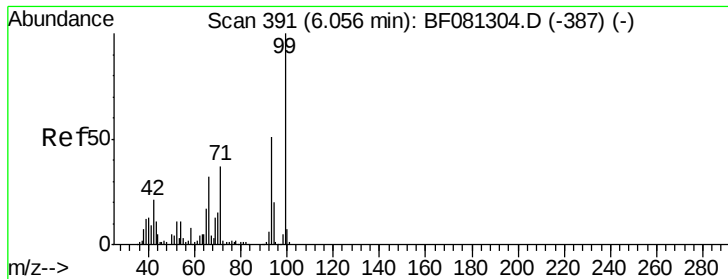
Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Tgt Ion:	93	Resp:	101654
Ion Ratio		Lower	Upper
93	100		
66	50.8	27.2	40.8#
65	24.0	14.7	22.1#





#7

Phenol-d6

Concen: 40.29 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081490.D

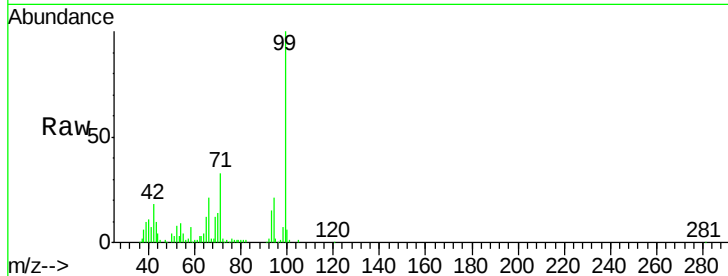
Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

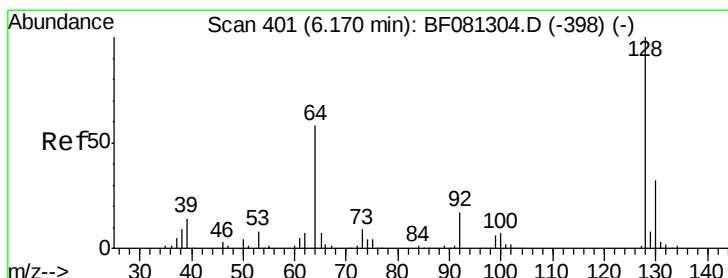
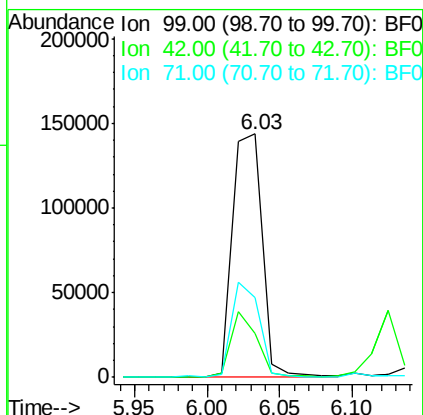
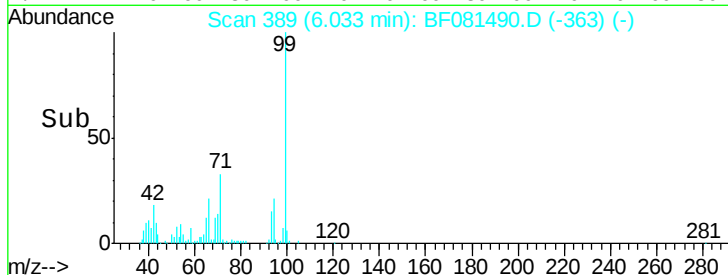
HX2MS



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	205316		
42	18.1	13.7	20.5	
71	33.0	14.2	21.2	

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#8

2-Chlorophenol

Concen: 34.76 ng

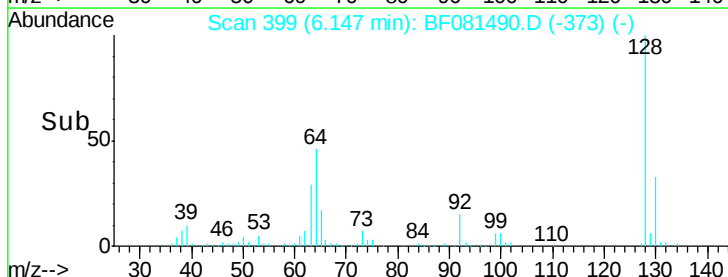
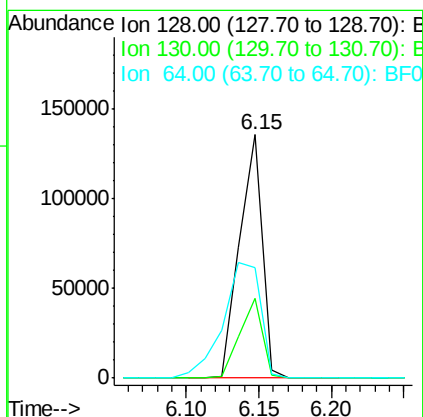
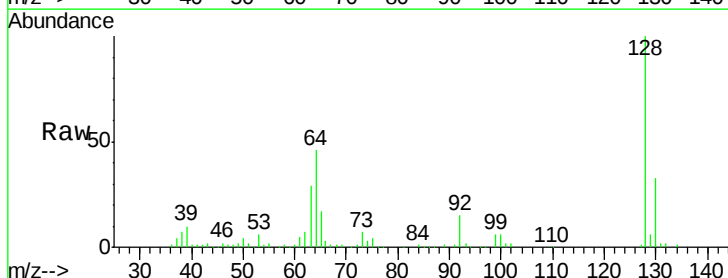
RT: 6.15 min Scan# 399

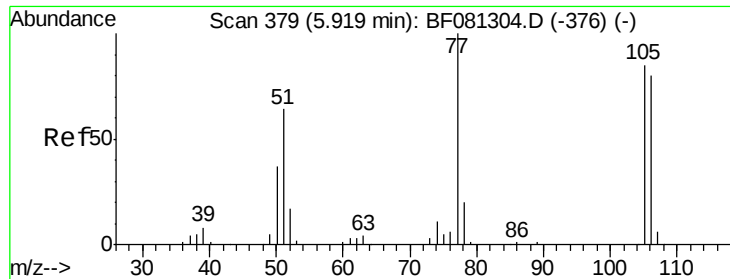
Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	147466		
130	33.0	12.2	52.2	
64	45.5	20.5	60.5	





#9

Benzaldehyde

Concen: 6.74 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

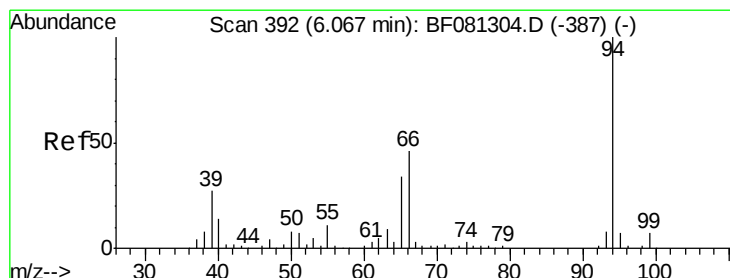
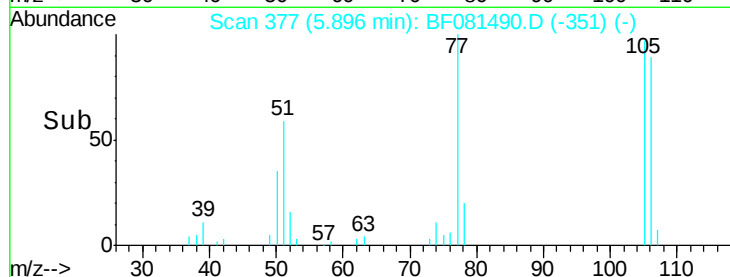
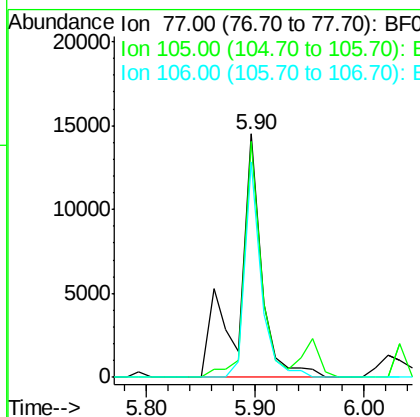
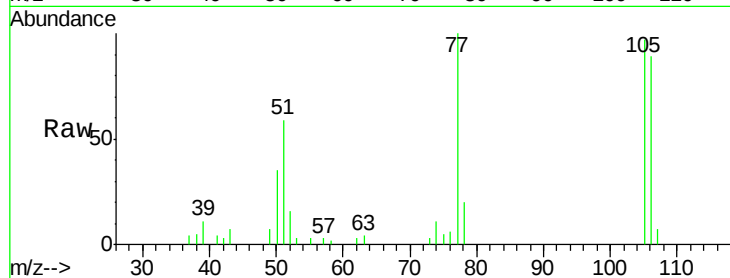
ClientSampleId :

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Tgt Ion:	77	Resp:	21515
Ion	Ratio	Lower	Upper
77	100		
105	97.1	91.6	131.6
106	88.6	102.6	142.6#



#10

Phenol

Concen: 12.92 ng

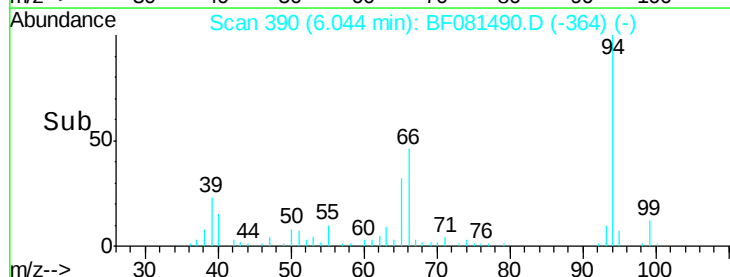
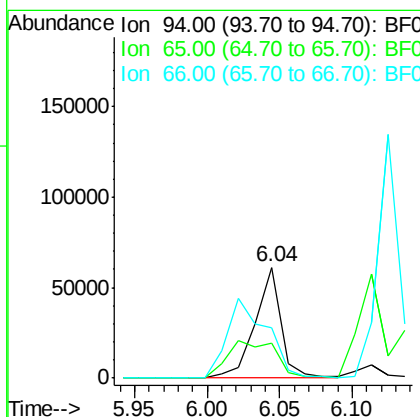
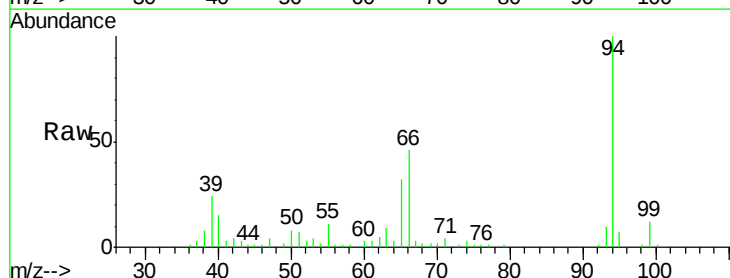
RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Tgt Ion:	94	Resp:	76347
Ion	Ratio	Lower	Upper
94	100		
65	32.0	0.7	40.7
66	45.6	0.8	40.8#





#11

bis(2-Chloroethyl)ether

Concen: 46.30 ng

RT: 6.11 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 93 Resp: 197407
Ion Ratio Lower Upper

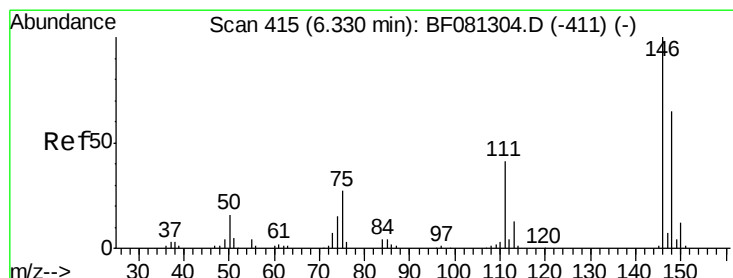
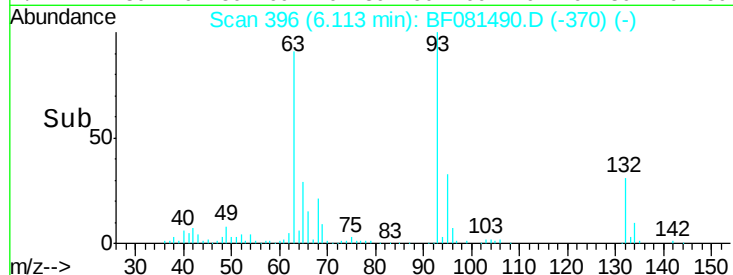
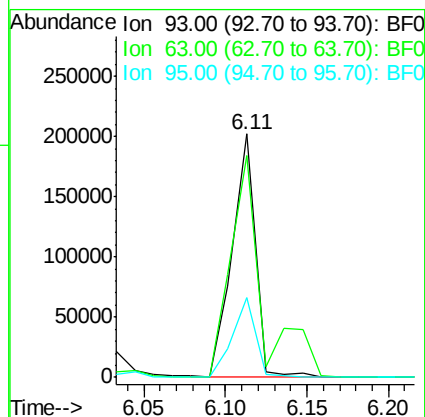
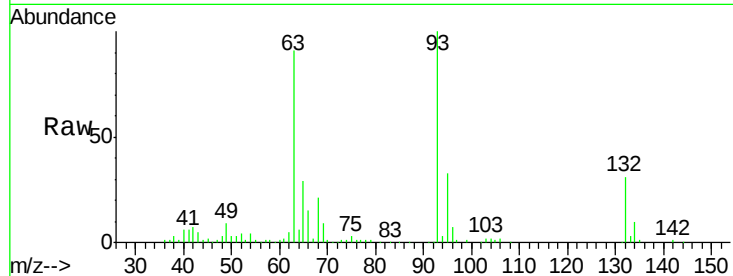
93 100

63 91.4 65.6 105.6

95 32.8 13.6 53.6

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#12

1,3-Dichlorobenzene

Concen: 37.69 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF081490.D

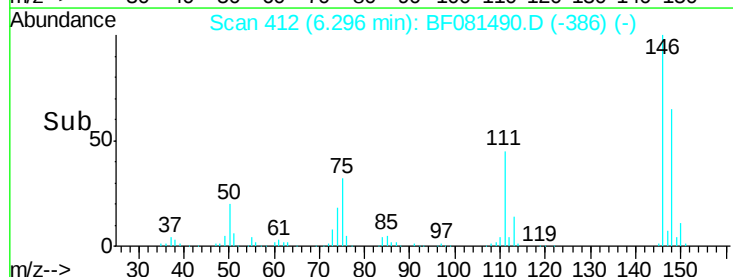
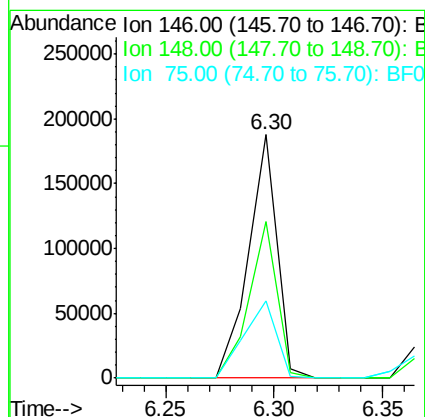
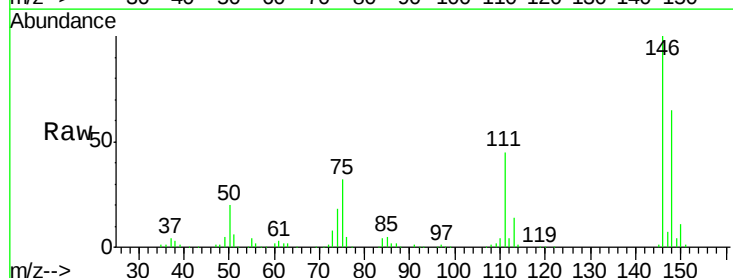
Acq: 6 Sep 2015 4:37

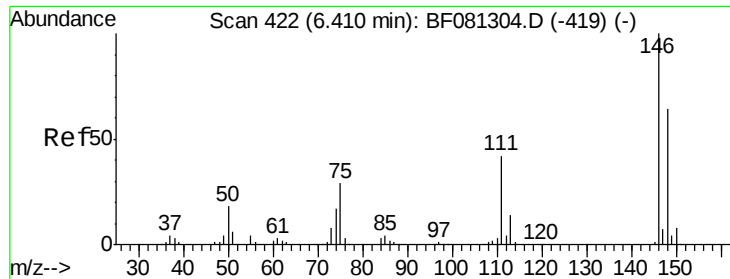
Tgt Ion: 146 Resp: 170846
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

75 31.5 15.0 22.6#





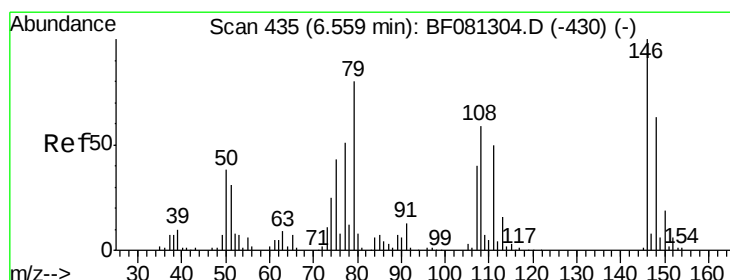
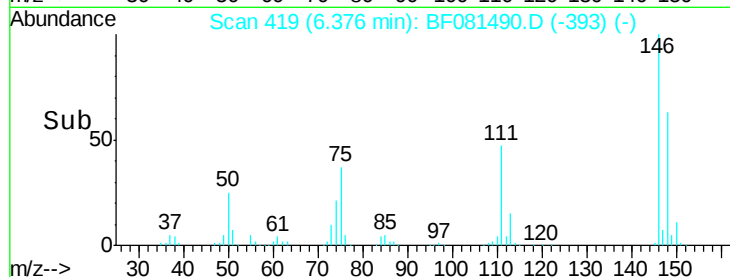
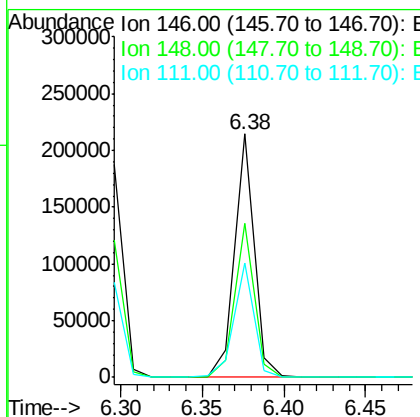
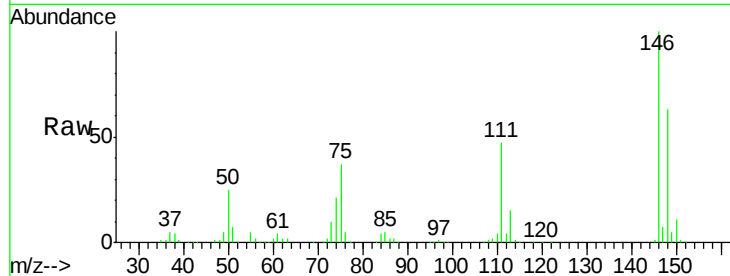
#13
 1,4-Dichlorobenzene
 Concen: 38.24 ng
 RT: 6.38 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampled :
 HX2MS

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.2	51.8	77.6
111	47.1	24.9	37.3#

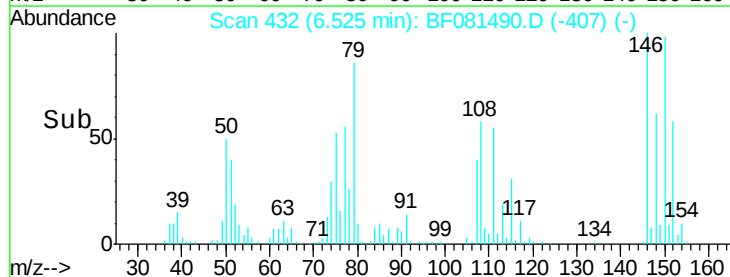
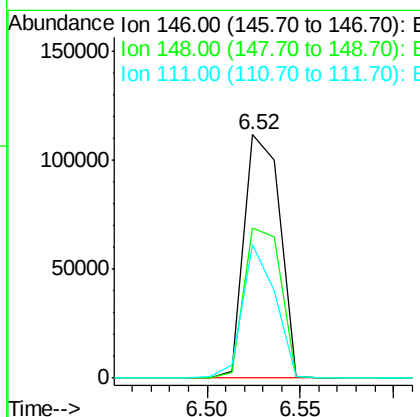
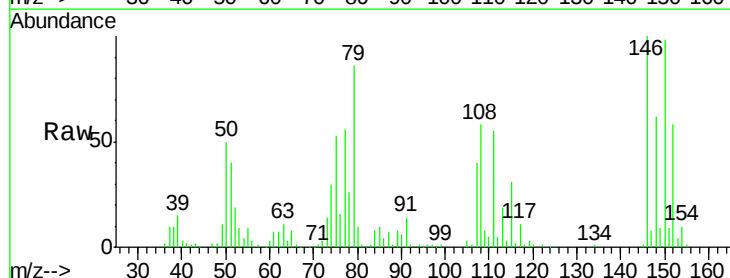
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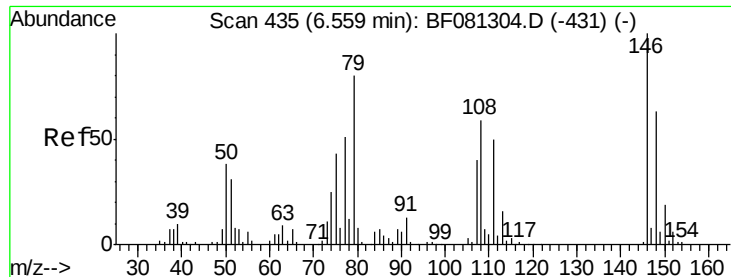
MMDadoda
 9/8/2015 3:56:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.63 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.01 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	61.6	52.7	79.1
111	55.0	28.8	43.2#





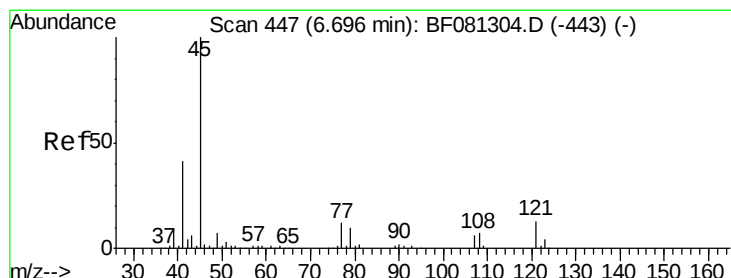
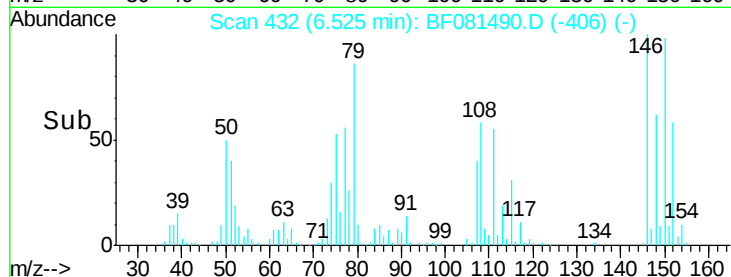
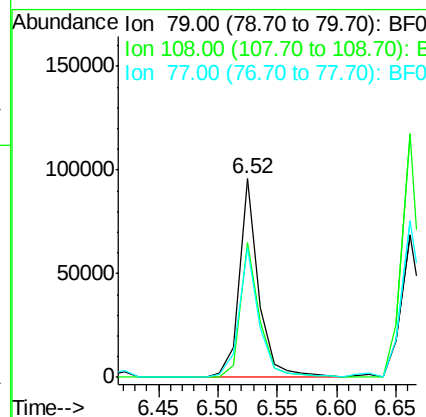
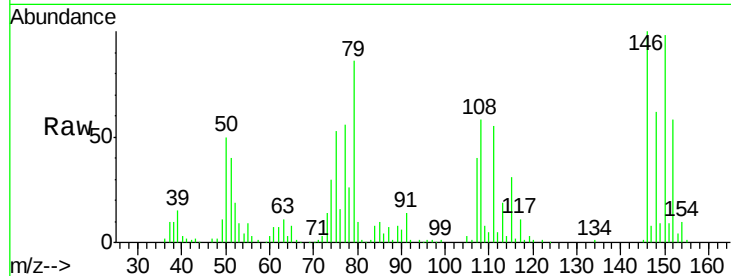
#15
Benzyl Alcohol
Concen: 26.39 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion: 79 Resp: 110324
Ion Ratio Lower Upper
79 100
108 68.1 88.6 132.8#
77 65.6 47.0 70.4

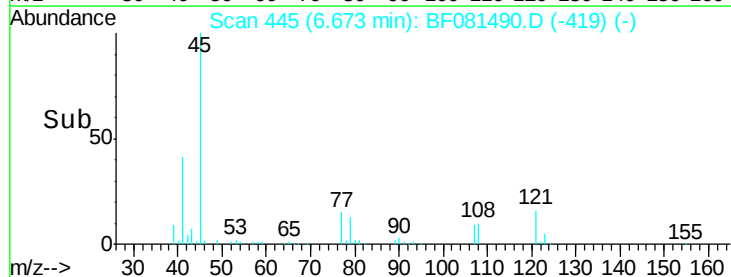
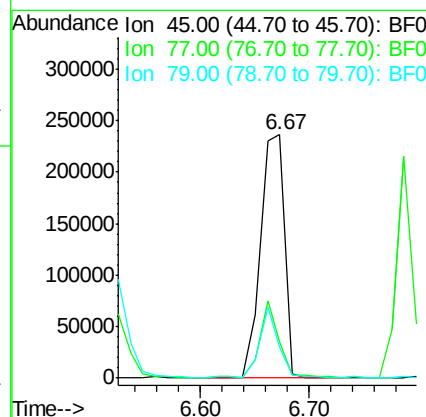
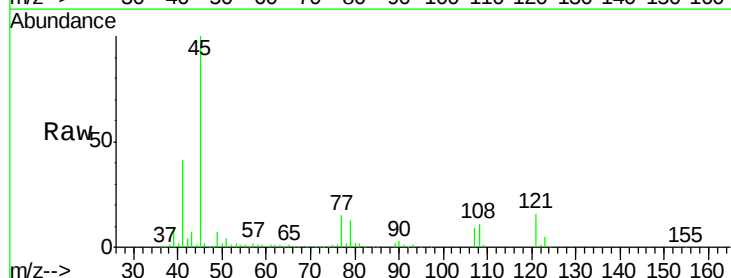
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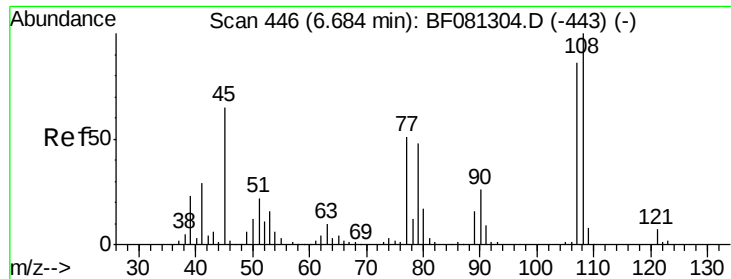
MMDadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.92 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion: 45 Resp: 367129
Ion Ratio Lower Upper
45 100
77 14.8 0.0 28.1
79 12.6 0.0 26.0





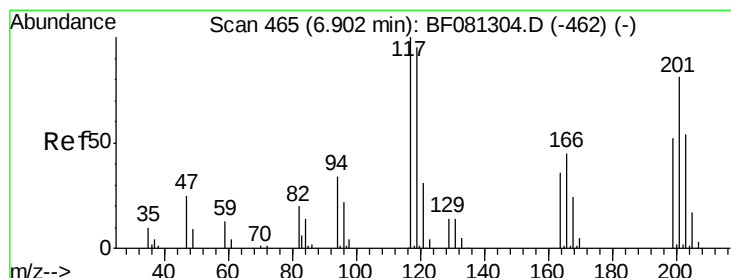
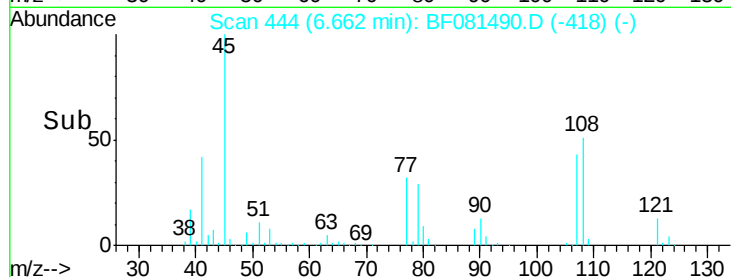
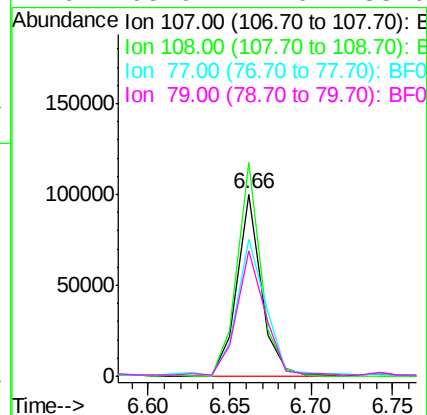
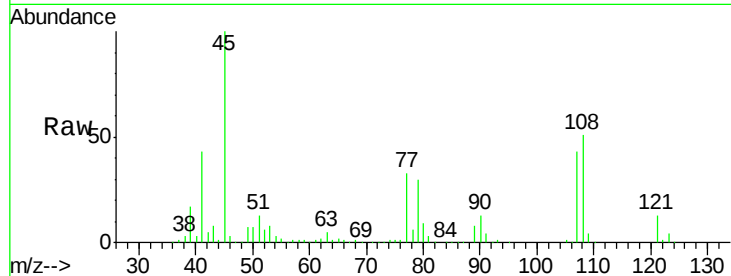
#17
2-Methylphenol
Concen: 30.33 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	117.3	96.6	145.0
77	75.3	23.3	34.9
79	68.9	22.0	33.0

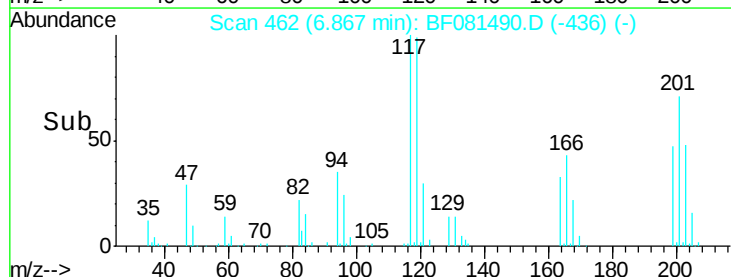
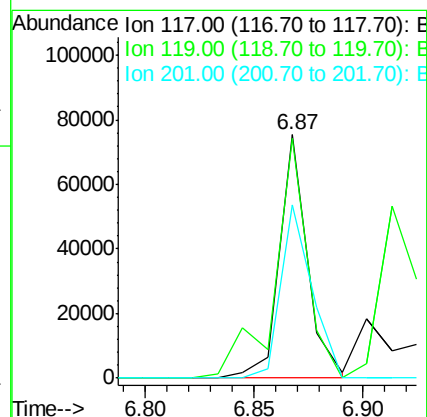
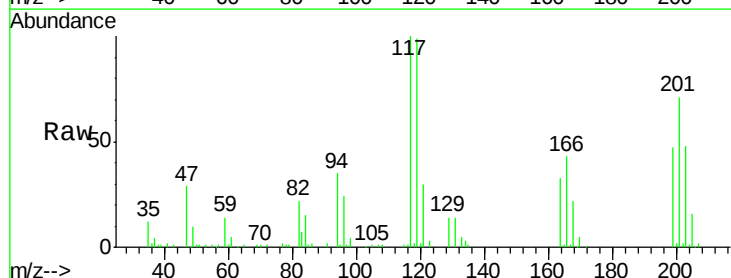
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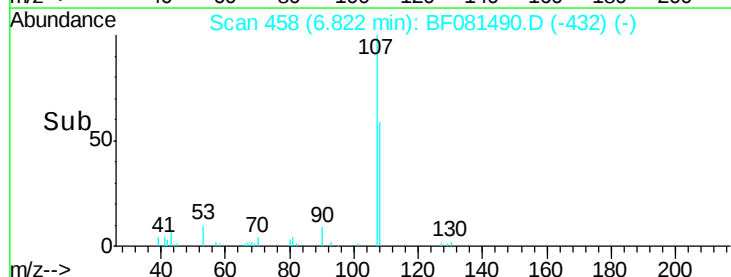
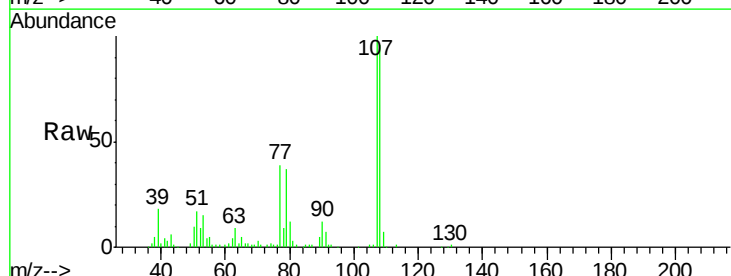
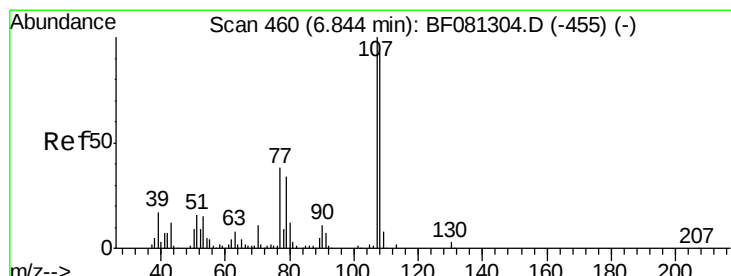
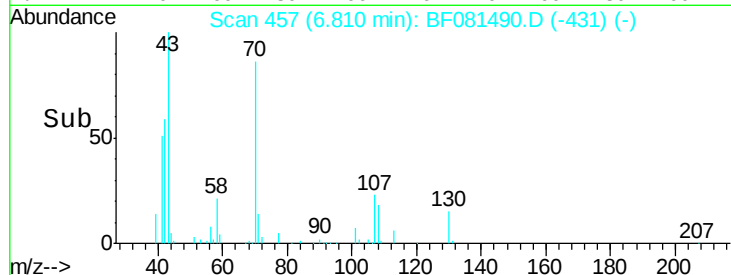
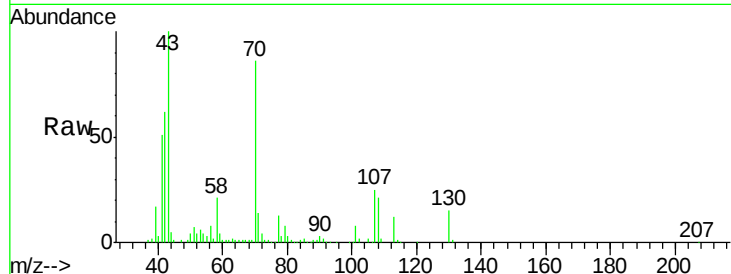
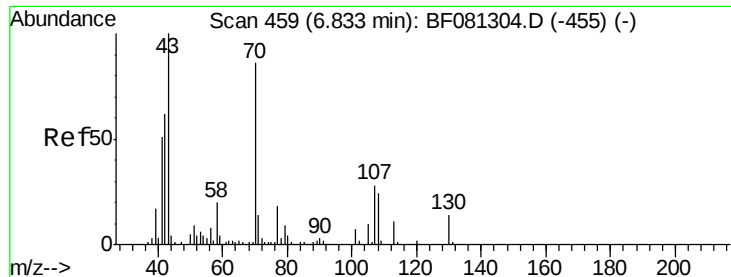
MMDadoda
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#18
Hexachloroethane
Concen: 37.90 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	98.7	83.8	125.6
201	70.9	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.96 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

HX2MS

Tgt Ion: 70 Resp: 155958
Ion Ratio Lower Upper

70 100

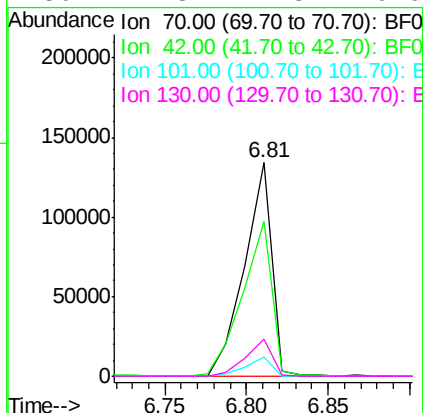
42 72.4 63.8 95.6

101 8.9 9.2 13.8#

130 17.3 27.3 40.9#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 25.43 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

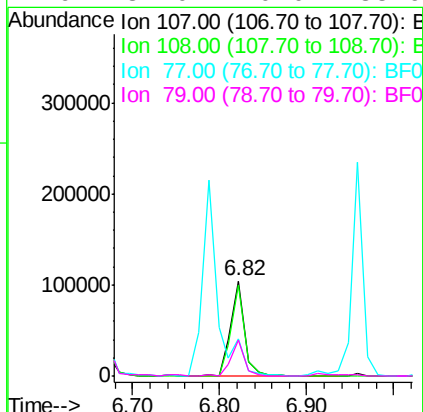
Tgt Ion: 107 Resp: 116087
Ion Ratio Lower Upper

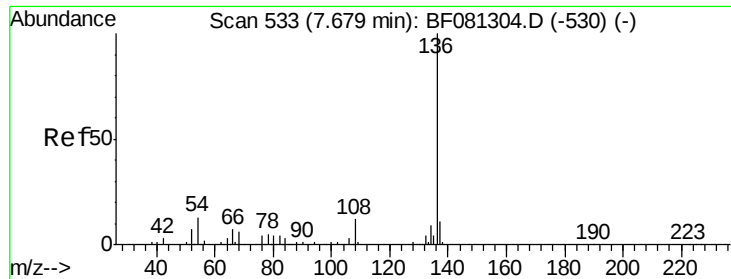
107 100

108 96.0 74.6 114.6

77 38.7 0.7 40.7

79 37.0 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081490.D

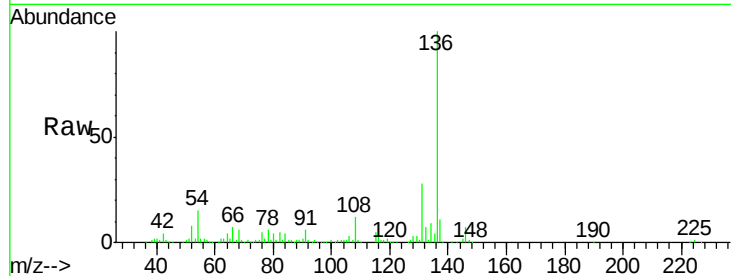
Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

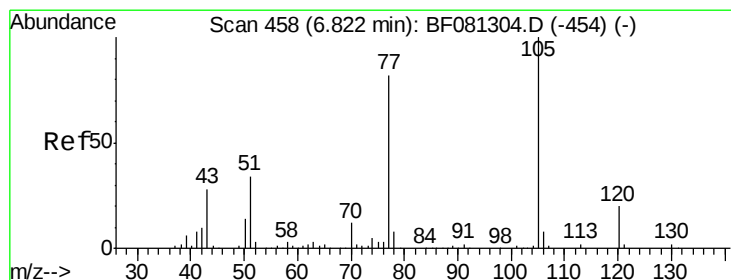
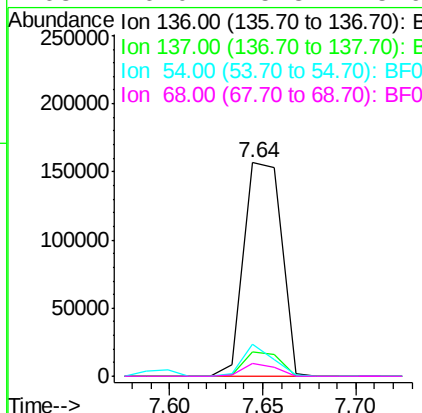
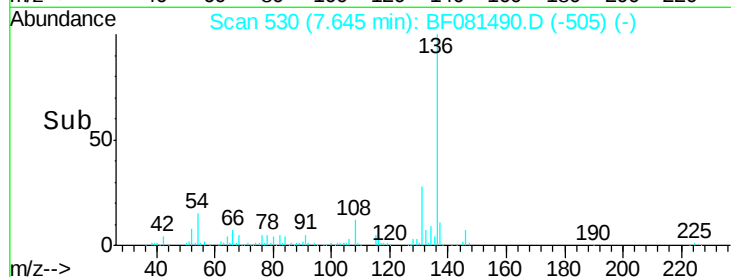
HX2MS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	220114		
137	11.2	9.0	13.6	
54	14.9	8.2	12.2	
68	6.0	5.8	8.6	

Manual Integrations
APPROVED

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9/8/2015 3:56:55 PM



#22

Acetophenone

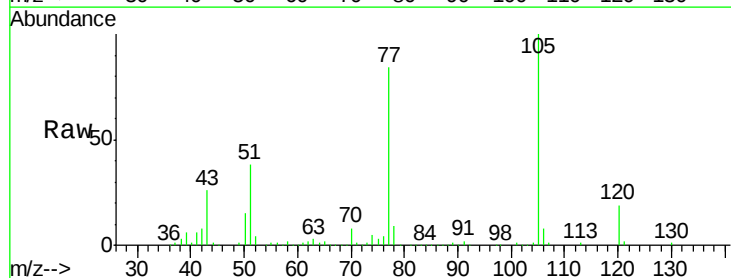
Concen: 44.70 ng

RT: 6.79 min Scan# 455

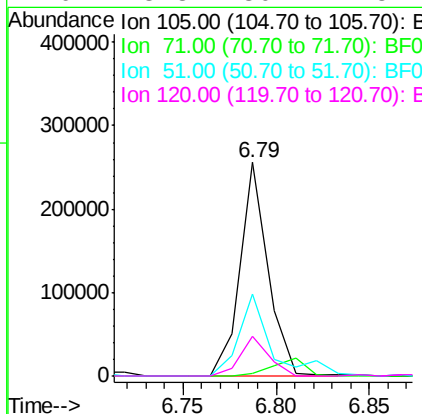
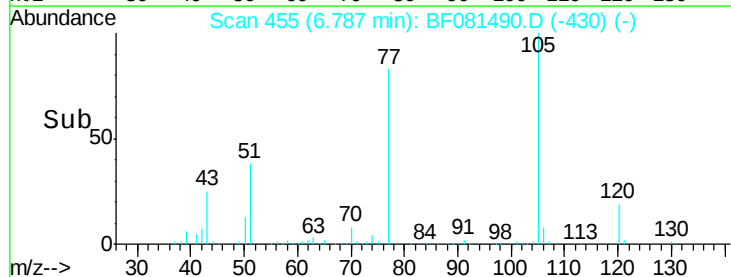
Delta R.T. -0.01 min

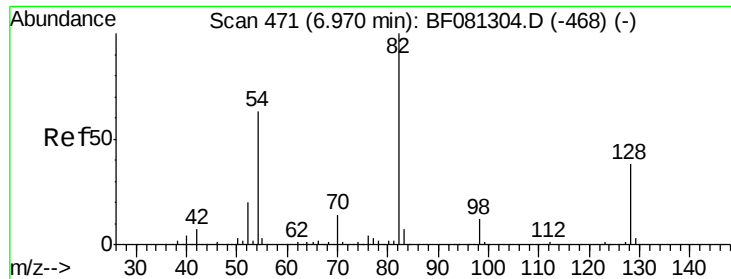
Lab File: BF081490.D

Acq: 6 Sep 2015 4:37



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268714		
71	1.3	4.7	7.1	
51	38.3	22.0	33.0	
120	18.8	30.1	45.1	





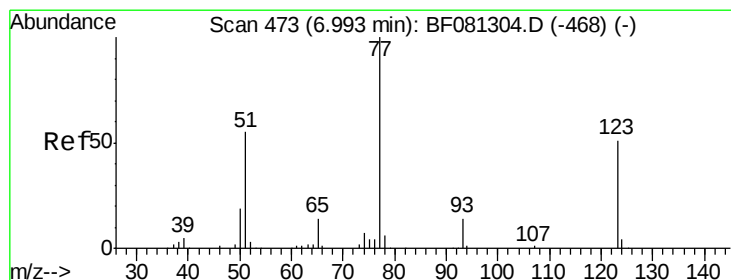
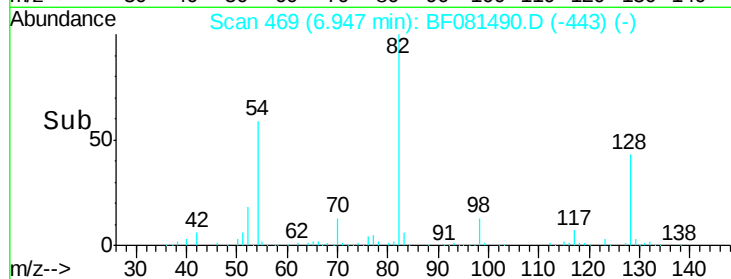
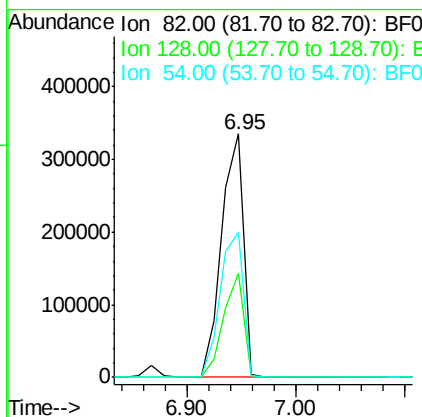
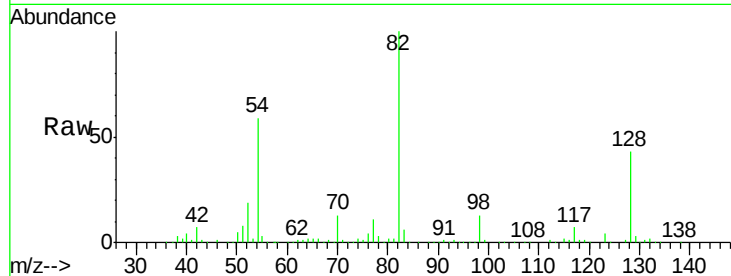
#23
 Nitrobenzene-d5
 Concen: 102.55 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	51.0	76.6#
54	59.4	47.5	71.3

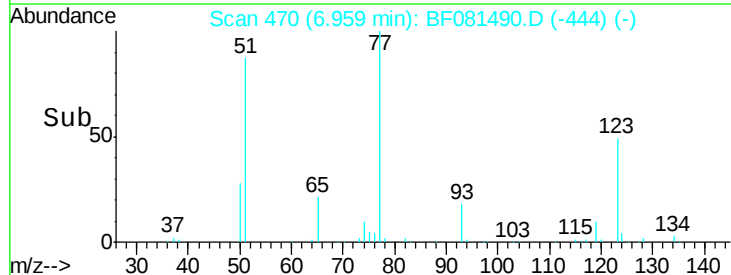
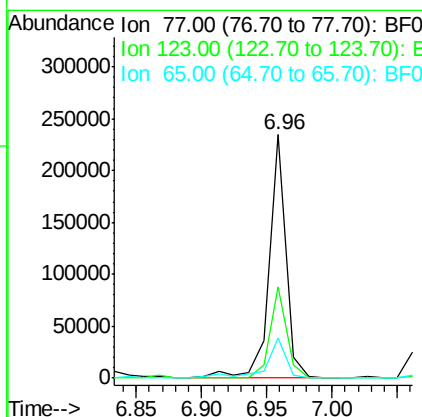
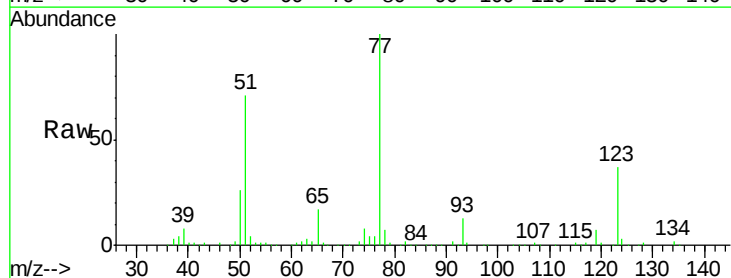
Manual Integrations
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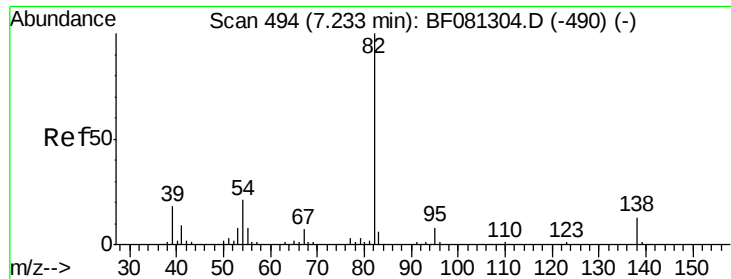
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#24
 Nitrobenzene
 Concen: 44.41 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	59.8	89.8#
65	16.6	10.2	15.4#





#25

Isophorone

Concen: 44.39 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

HX2MS

Tgt Ion: 82 Resp: 376671

Ion Ratio Lower Upper

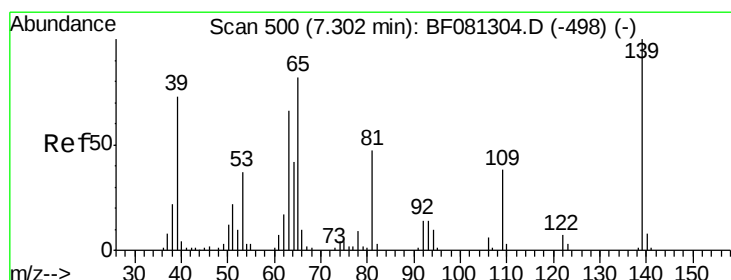
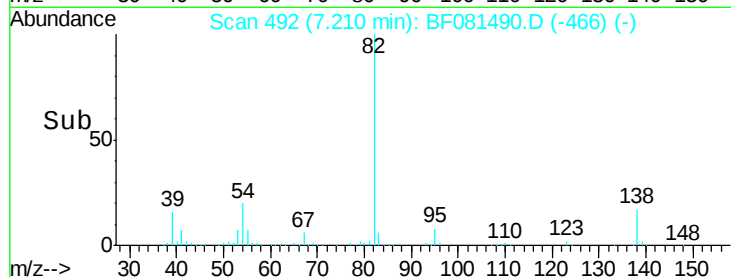
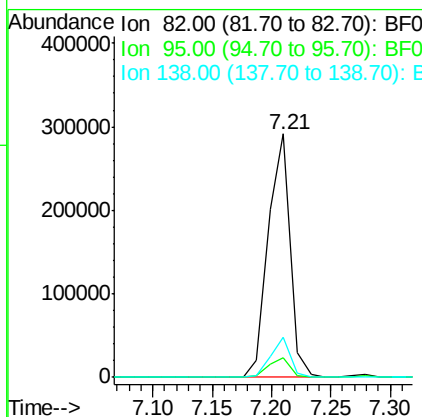
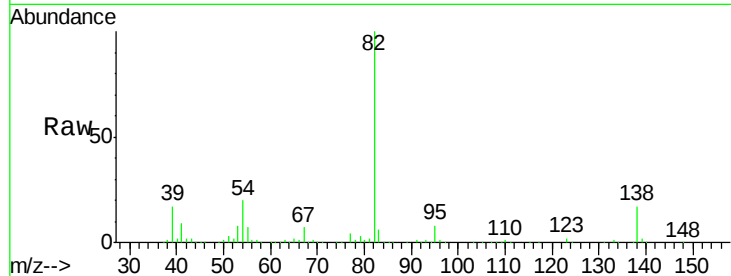
82 100

95 8.0 4.0 6.0#

138 16.5 18.3 27.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.32 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

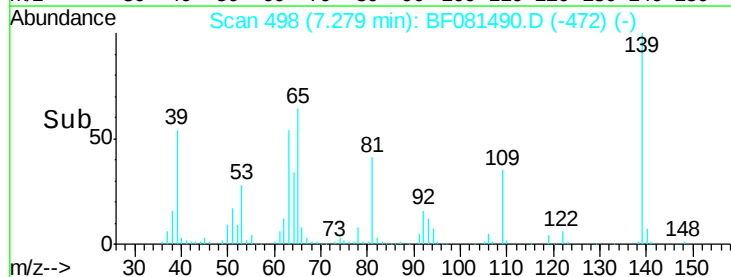
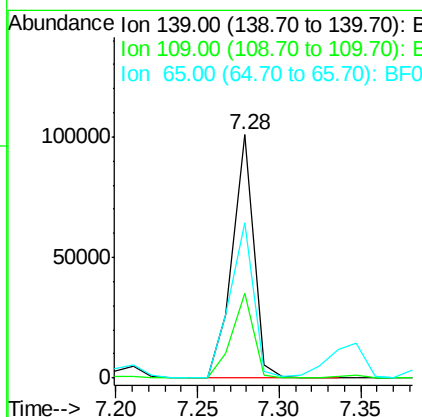
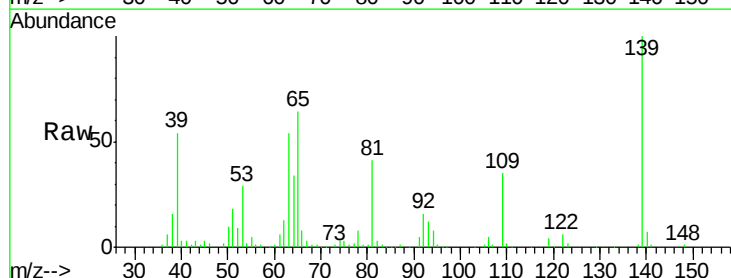
Tgt Ion: 139 Resp: 91512

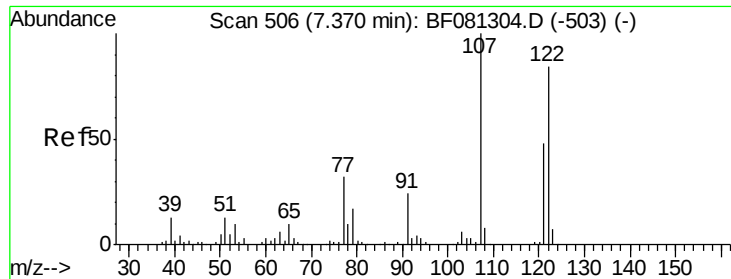
Ion Ratio Lower Upper

139 100

109 34.7 11.0 16.4#

65 64.0 24.7 37.1#





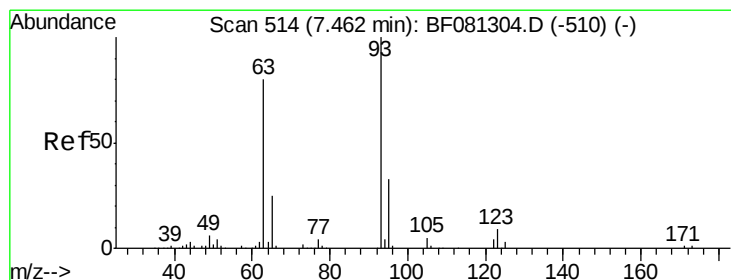
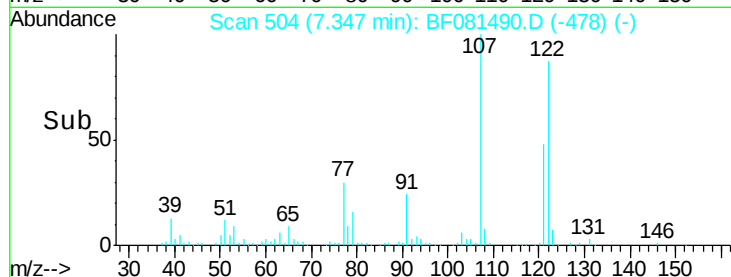
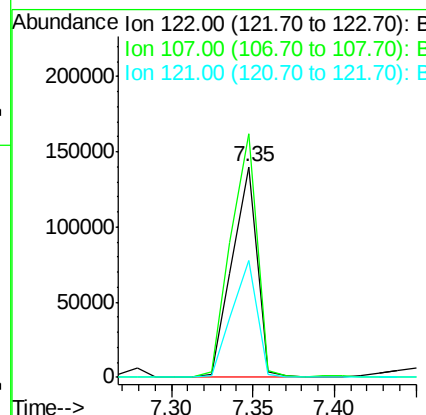
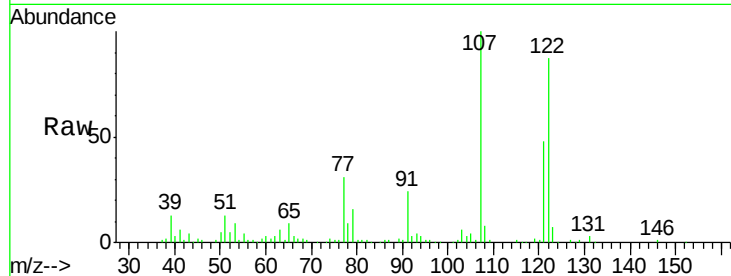
#27
 2,4-Dimethylphenol
 Concen: 41.75 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	148899		
107	115.4	71.8	107.6#	
121	55.3	42.3	63.5	

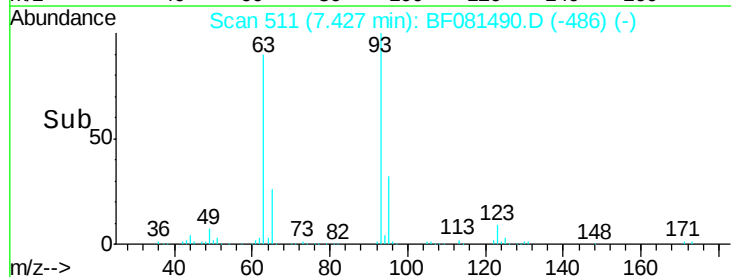
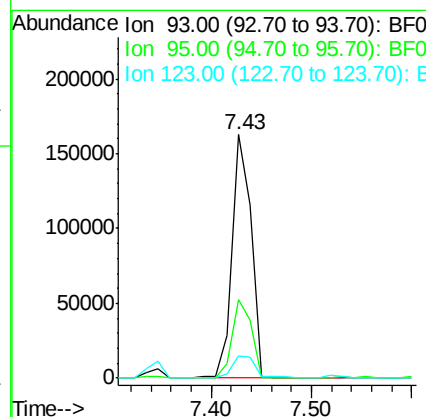
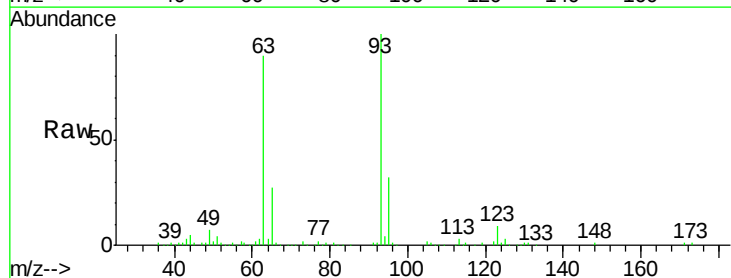
Manual Integrations
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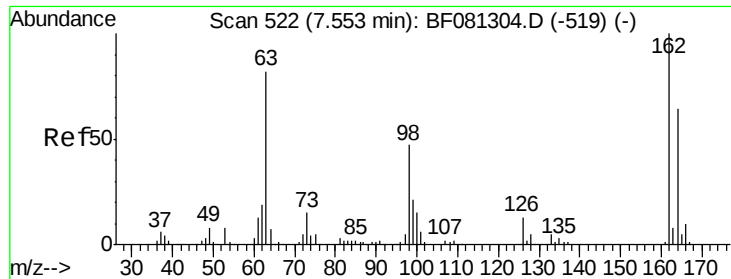
MMDadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.89 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	215135		
95	32.2	27.5	41.3	
123	8.8	13.7	20.5#	





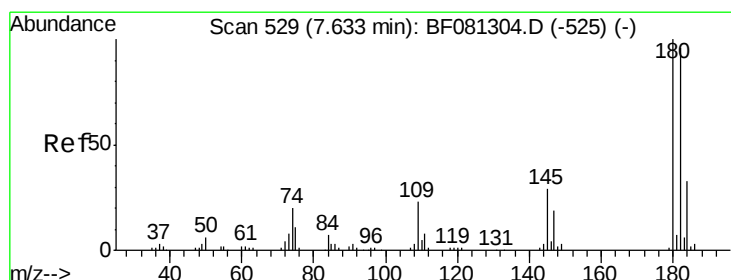
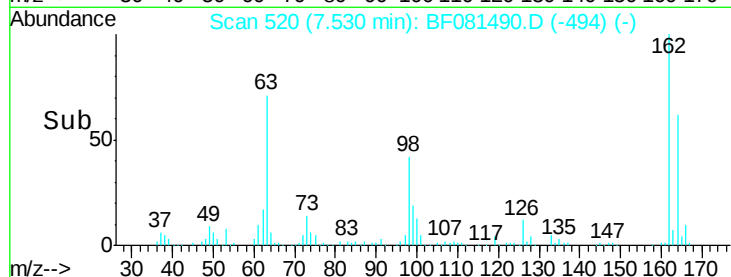
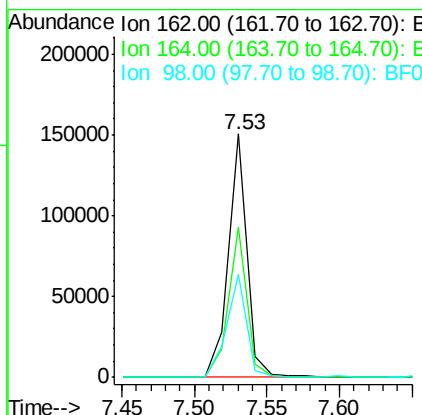
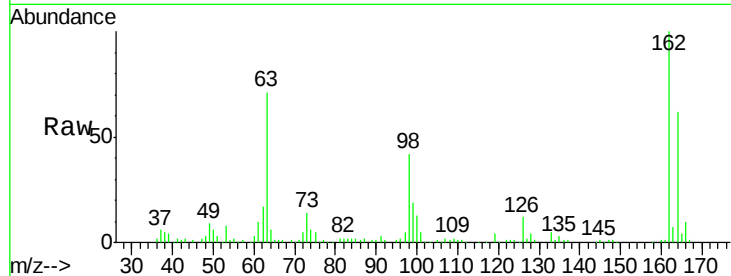
#29
 2,4-Dichlorophenol
 Concen: 43.61 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion:	162	Resp:	134864
Ion Ratio	Lower	Upper	
162	100		
164	61.9	44.9	84.9
98	42.2	13.0	53.0

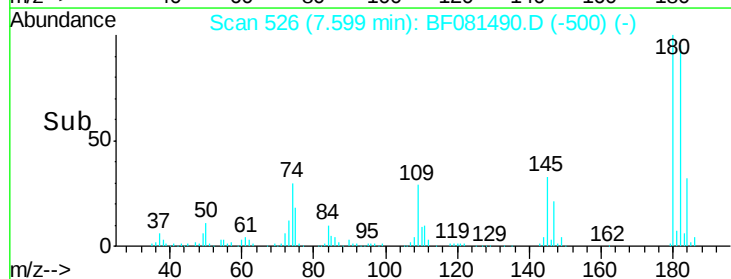
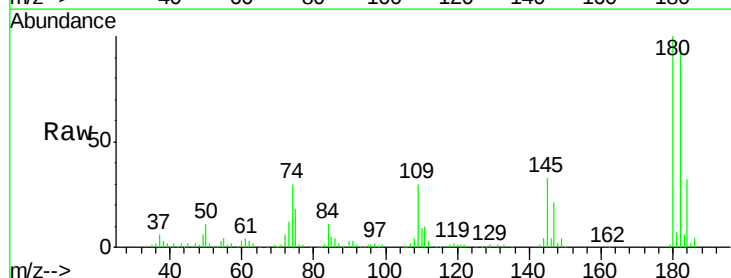
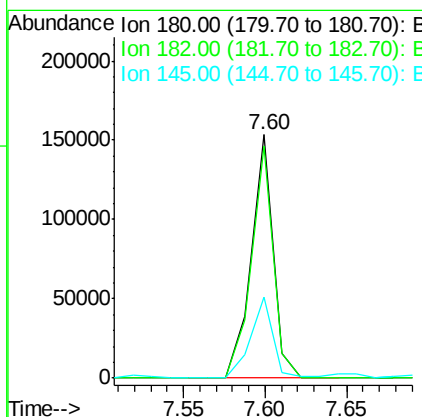
Manual Integrations
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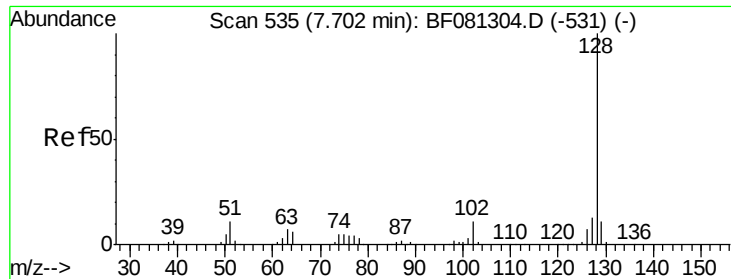
MMDadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.69 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion:	180	Resp:	143419
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.1	115.7
145	33.1	23.3	34.9





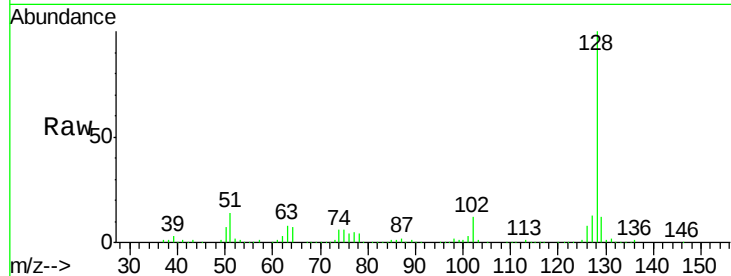
#31
Naphthalene
Concen: 39.38 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

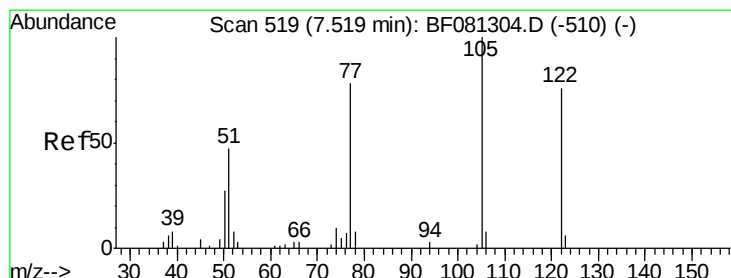
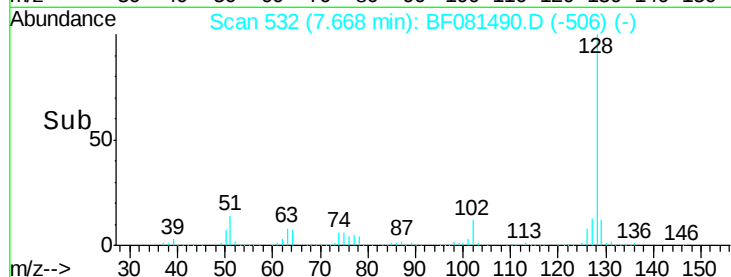
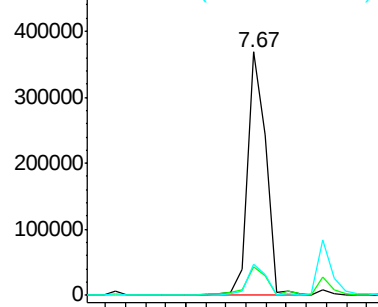
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	8.4	12.6
127	13.0	9.9	14.9

Manual Integrations
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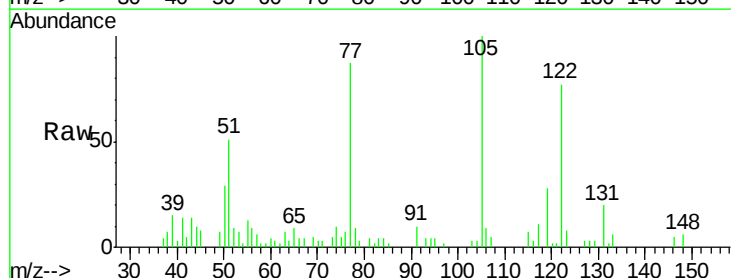


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

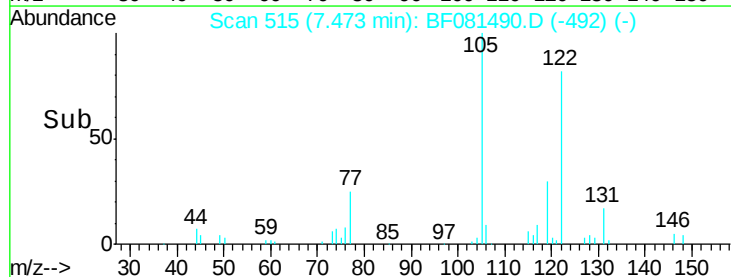
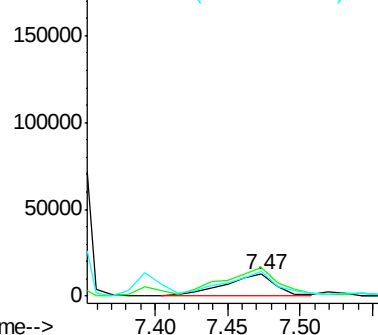


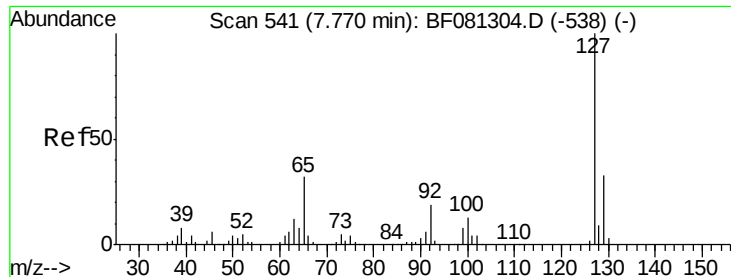
#32
Benzoic acid
Concen: 13.37 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	130.5	76.1	116.1#
77	114.1	40.5	80.5#



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





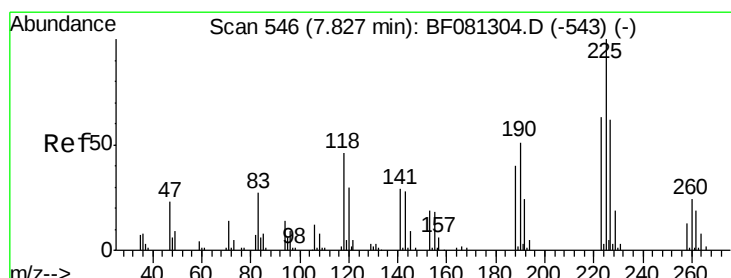
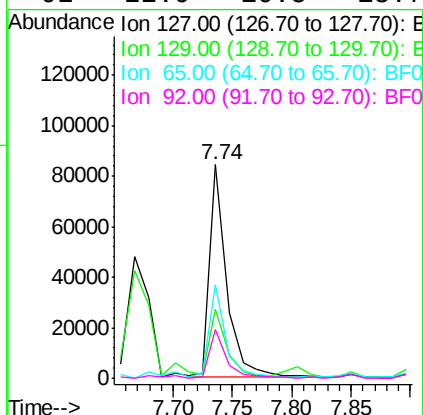
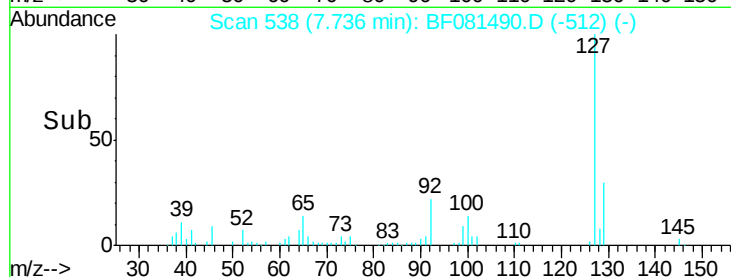
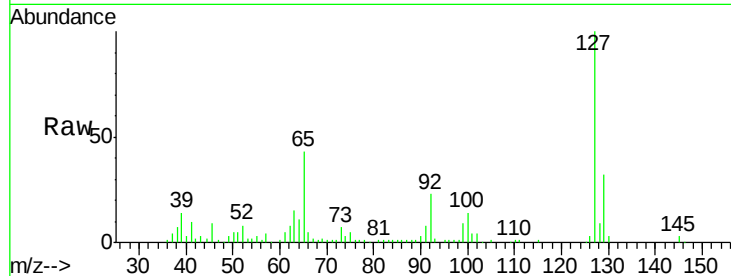
#33
 4-Chloroaniline
 Concen: 17.74 ng
 RT: 7.74 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion:	127	Resp:	84919
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.8	38.6
65	43.5	17.9	26.9
92	22.9	10.5	15.7

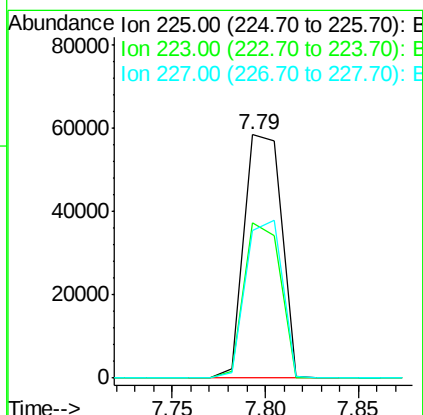
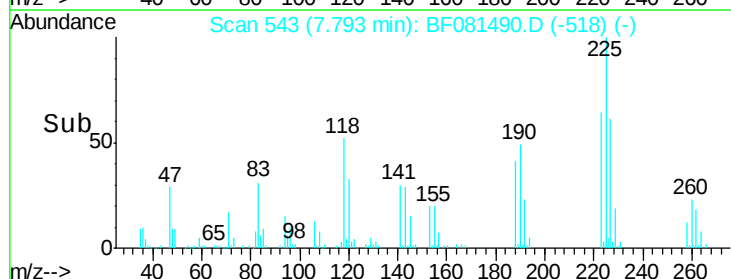
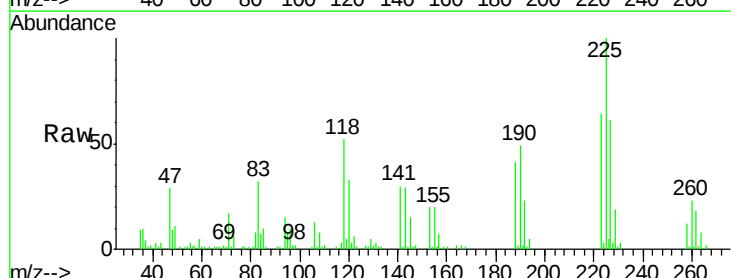
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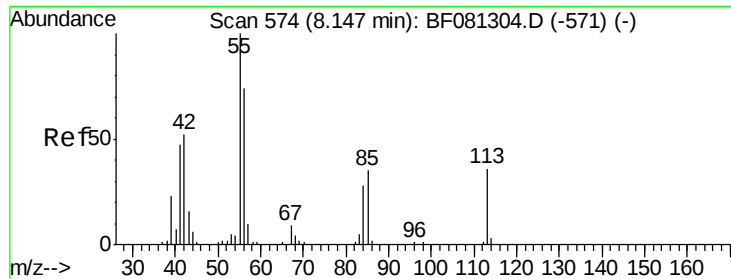
MMDadoda
 9/8/2015 3:56:55 PM



#34
 Hexachlorobutadiene
 Concen: 39.56 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion:	225	Resp:	80893
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.2	75.2
227	60.6	52.2	78.2





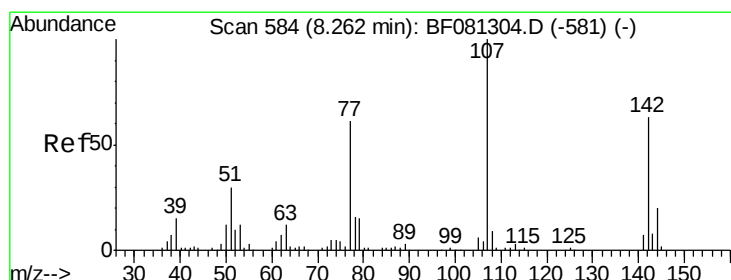
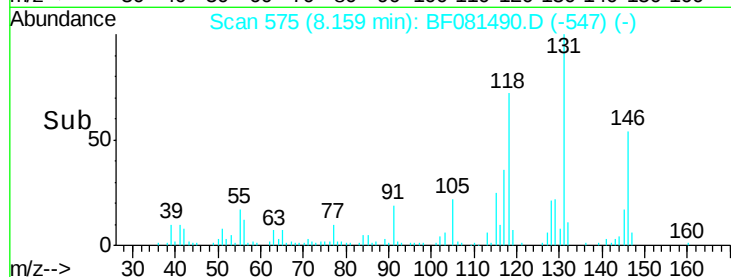
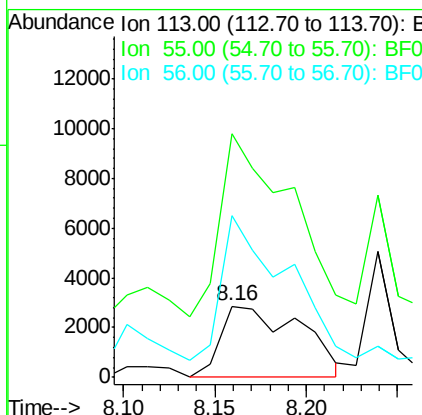
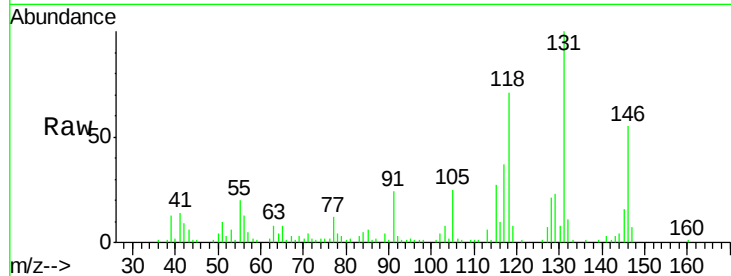
#35
 Caprolactam
 Concen: 9.25 ng m
 RT: 8.16 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion:113 Resp: 8775
 Ion Ratio Lower Upper
 113 100
 55 342.3 152.4 192.4#
 56 227.9 104.6 144.6#

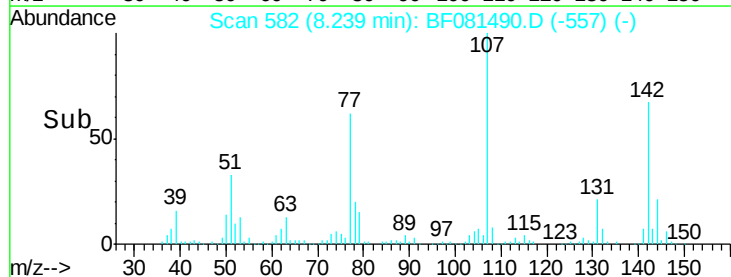
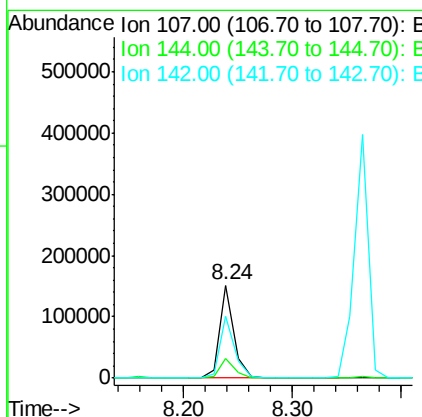
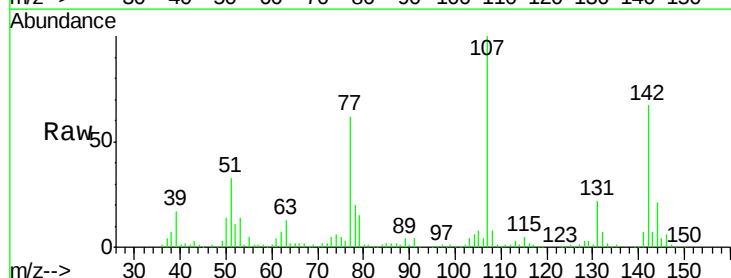
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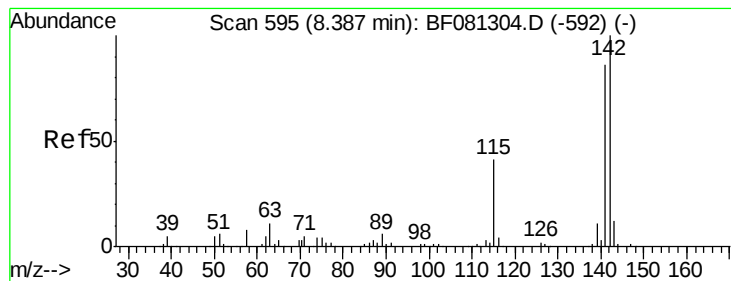
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#36
 4-Chloro-3-methylphenol
 Concen: 40.44 ng
 RT: 8.24 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion:107 Resp: 139988
 Ion Ratio Lower Upper
 107 100
 144 21.5 25.4 38.0#
 142 67.0 77.3 115.9#





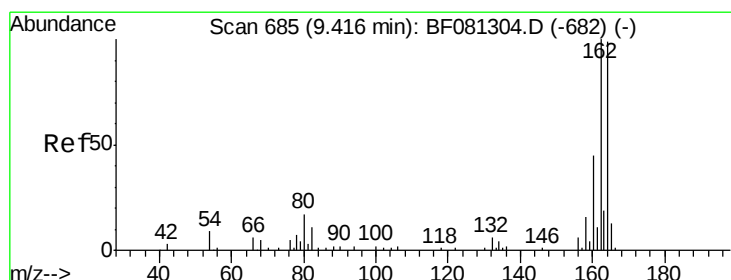
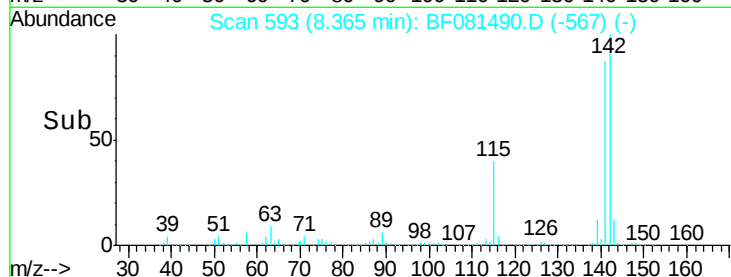
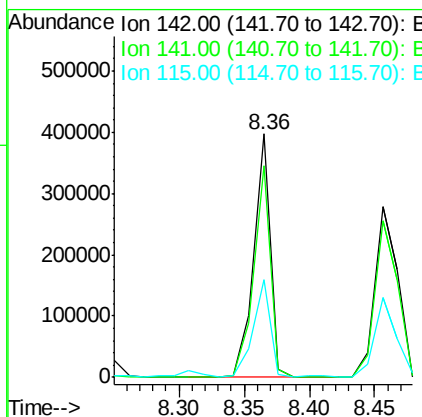
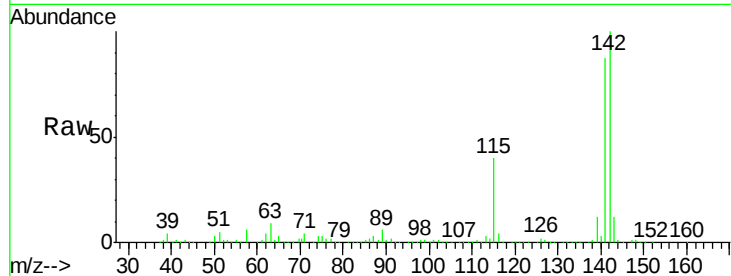
#37
 2-Methylnaphthalene
 Concen: 46.39 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	354362		
141	86.8	67.5	101.3	
115	40.1	18.2	27.2	

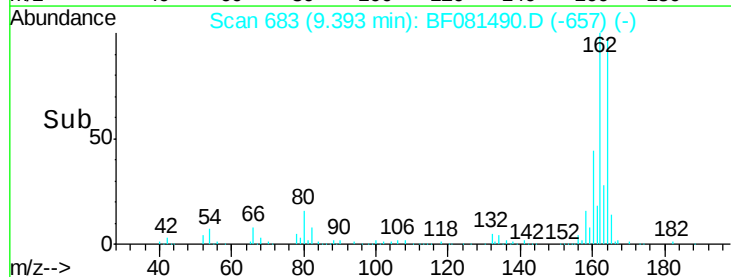
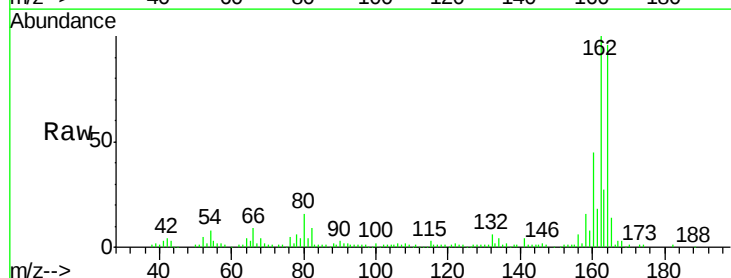
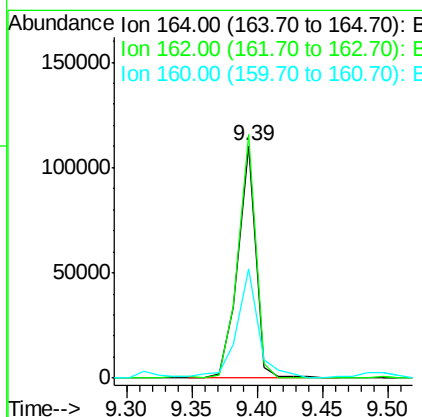
Manual Integrations
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105541		
162	104.7	75.2	112.8	
160	46.9	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.75 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081490.D

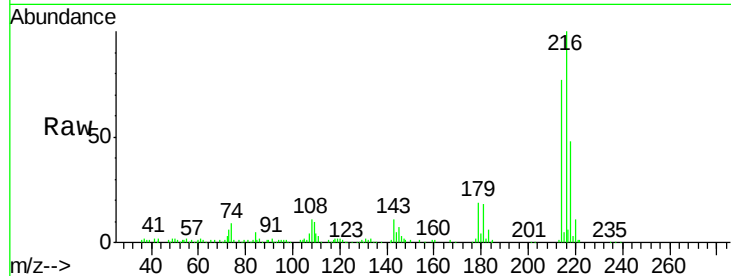
Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

HX2MS



Tgt Ion: 216 Resp: 142688

Ion Ratio Lower Upper

216 100

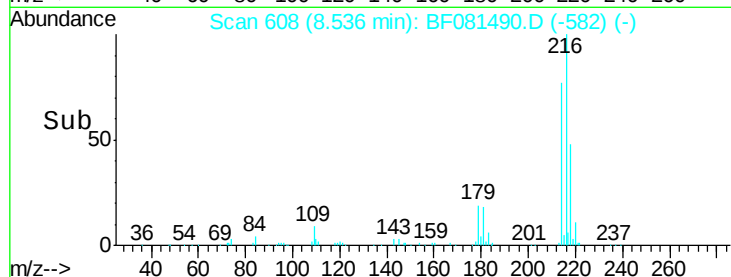
214 78.1 63.5 95.3

179 21.8 16.6 24.8

108 21.7 16.3 24.5

Manual Integrations
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Abundance Ion 216.00 (215.70 to 216.70): E

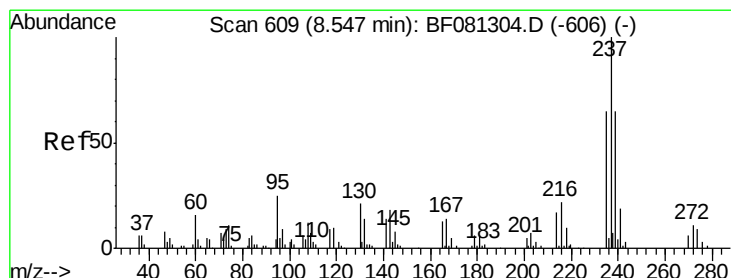
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->

8.50 8.55



#40

Hexachlorocyclopentadiene

Concen: 84.00 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

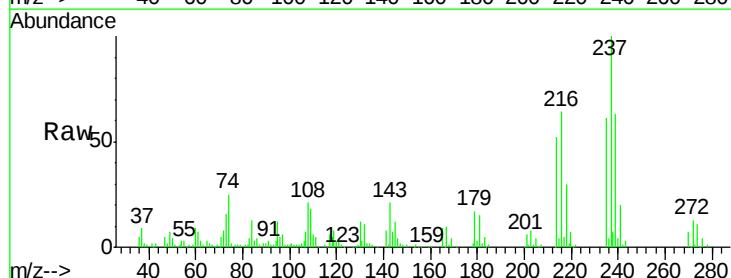
Tgt Ion: 237 Resp: 137602

Ion Ratio Lower Upper

237 100

235 61.3 42.0 82.0

272 12.8 0.0 36.1



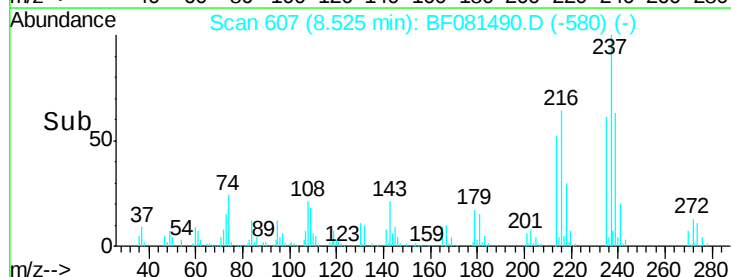
Abundance Ion 236.80 (236.50 to 237.50): E

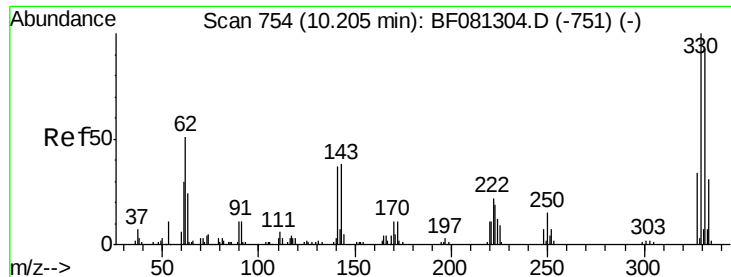
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

8.45 8.50 8.55





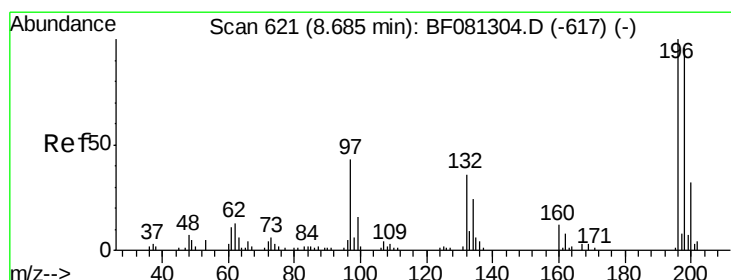
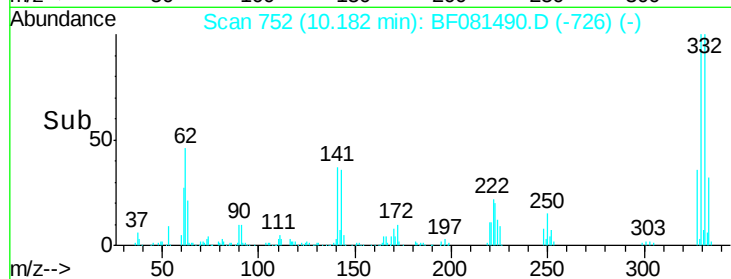
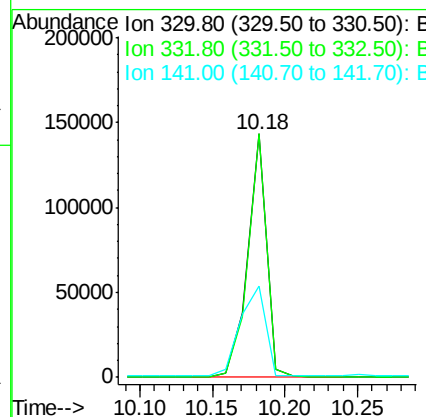
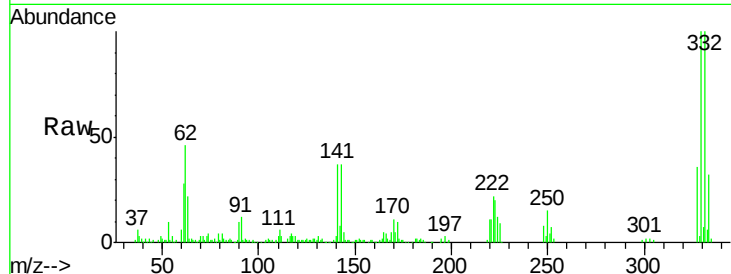
#41
 2,4,6-Tribromophenol
 Concen: 138.93 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	130558		
332	98.7	76.6	114.8	
141	50.0	29.7	44.5#	

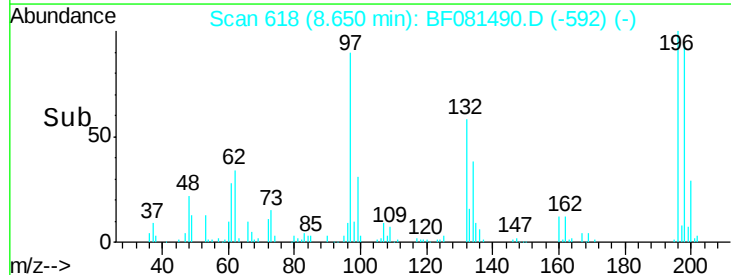
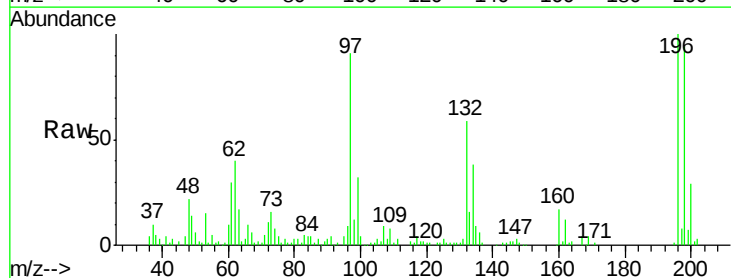
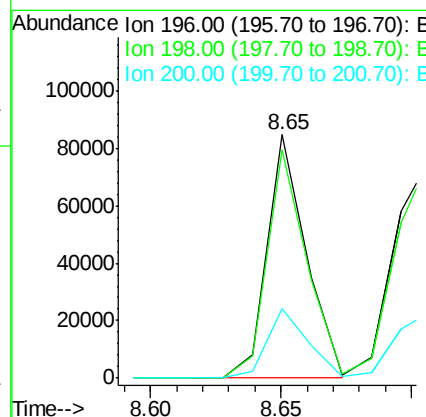
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 38.43 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

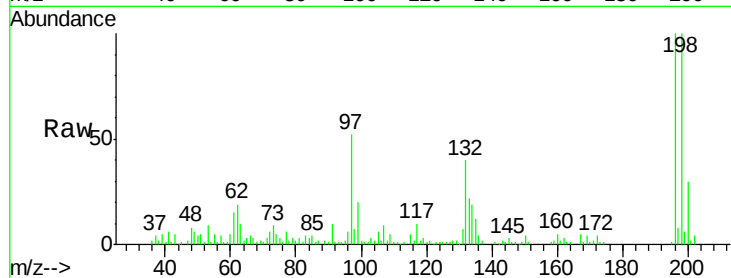
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88529		
198	93.8	75.7	113.5	
200	28.5	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 43.61 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

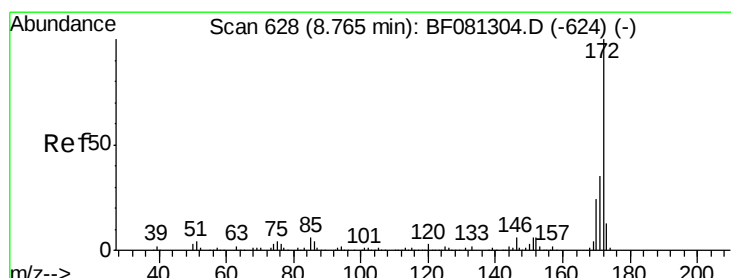
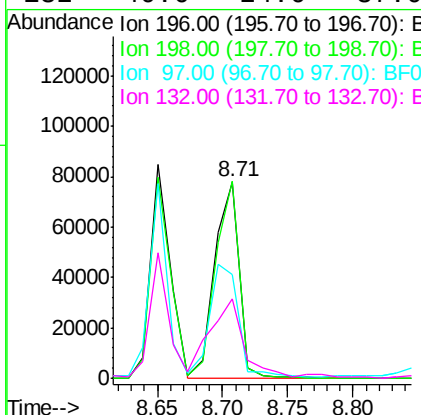
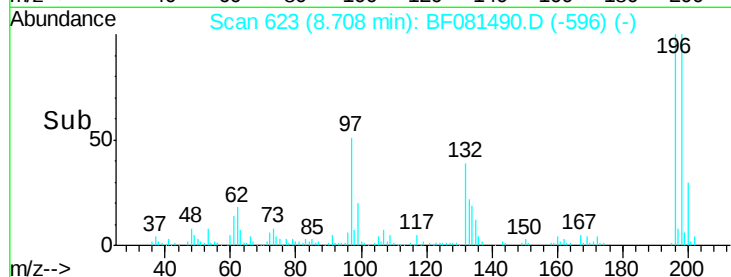
Instrument :
 BNA_F
 ClientSampleId :
 HX2MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	102479		
198	100.5	75.4	113.0	
97	52.7	33.3	49.9	#
132	40.6	24.6	37.0	#

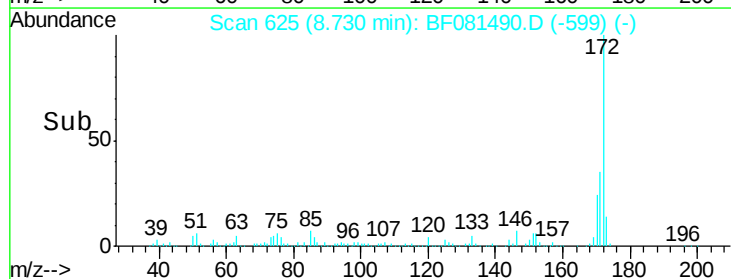
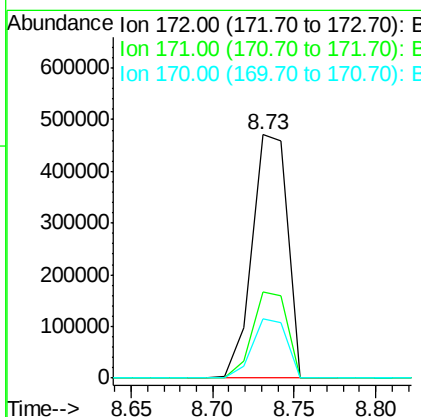
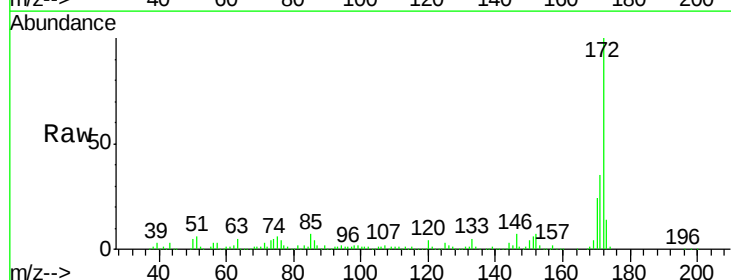
Manual Integrations
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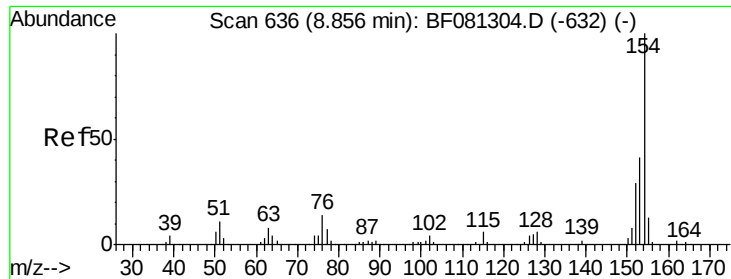
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 9/8/2015 3:56:55 PM



#44
 2-Fluorobiphenyl
 Concen: 85.93 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	707713		
171	35.3	26.1	39.1	
170	24.2	17.4	26.2	





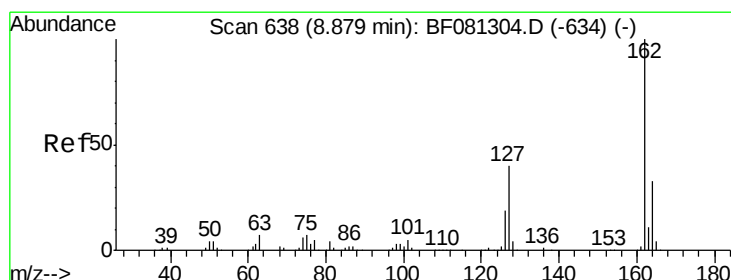
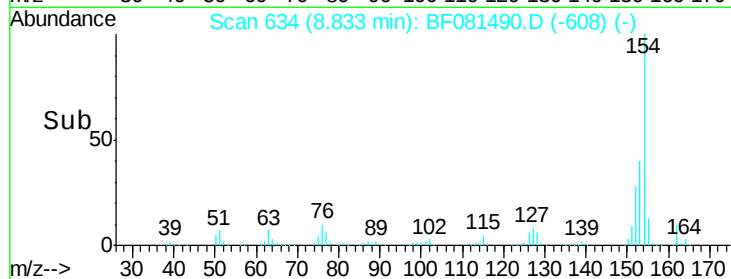
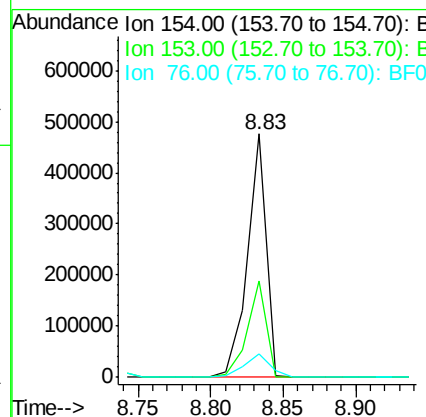
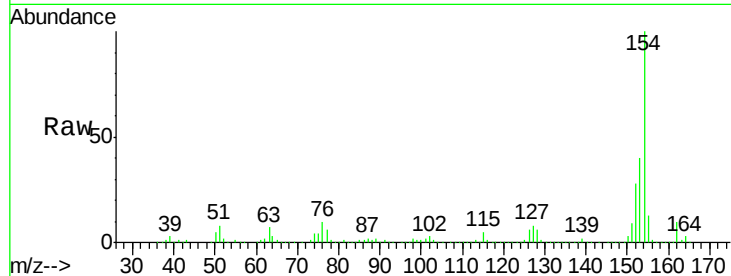
#45
 1,1'-Biphenyl
 Concen: 44.08 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	427983		
153	39.7	17.1	57.1	
76	9.6	0.0	31.6	

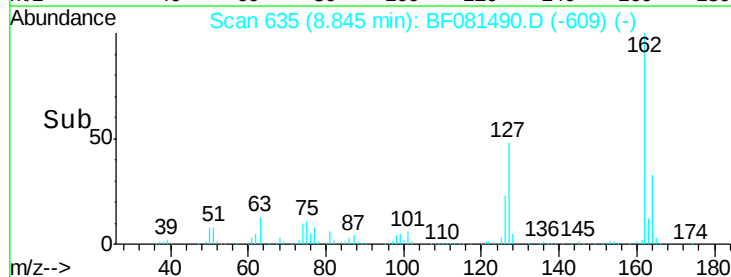
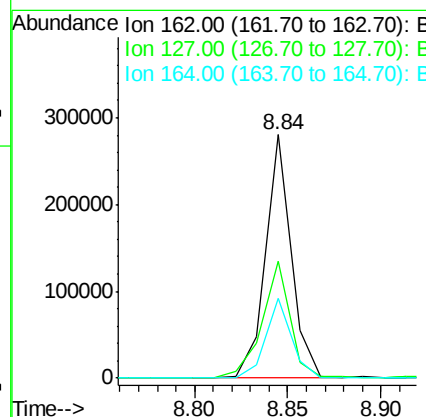
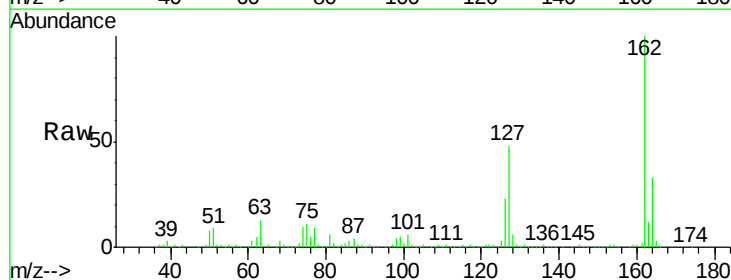
Manual Integrations
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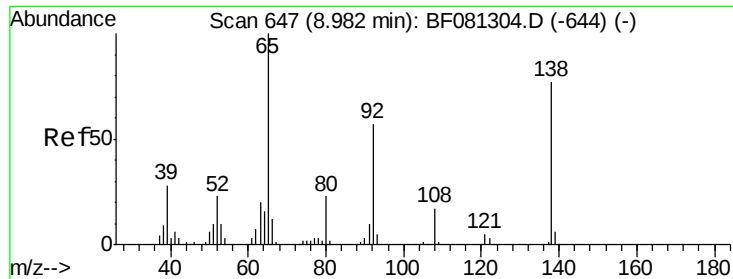
MMDadoda
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#46
 2-Chloronaphthalene
 Concen: 37.89 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	265656		
127	47.8	27.6	41.4#	
164	32.8	25.4	38.2	





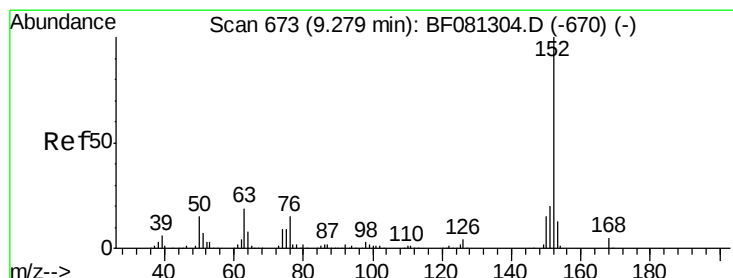
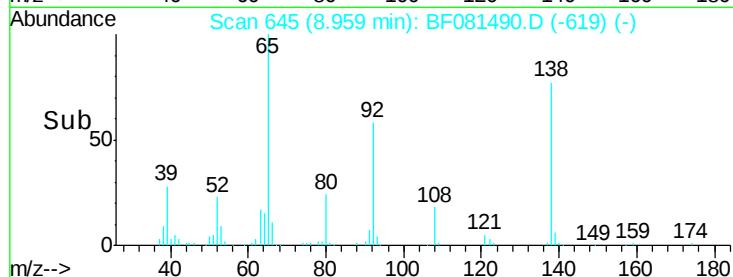
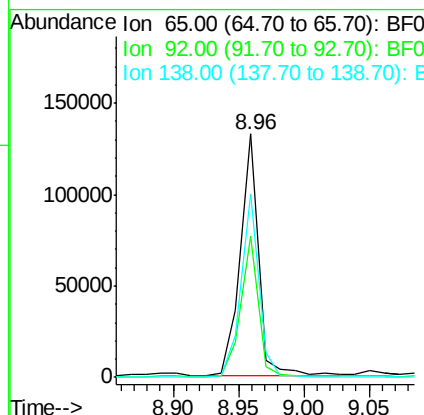
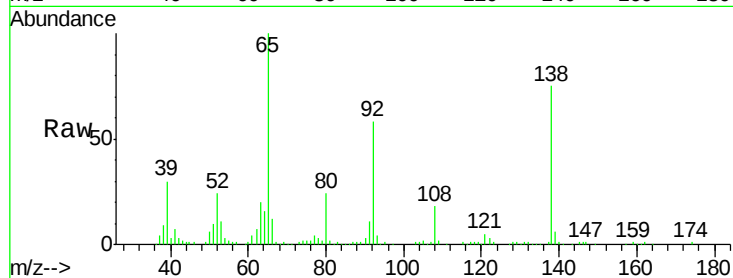
#47
 2-Nitroaniline
 Concen: 44.74 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.0	55.4	83.0
138	75.3	115.5	173.3

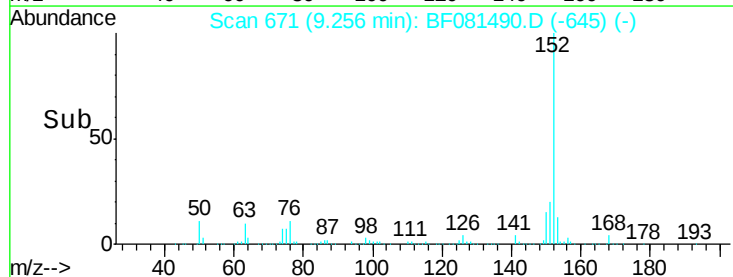
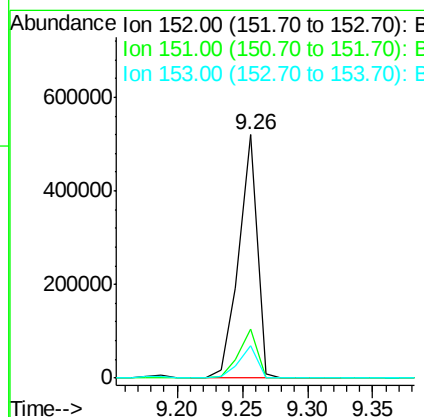
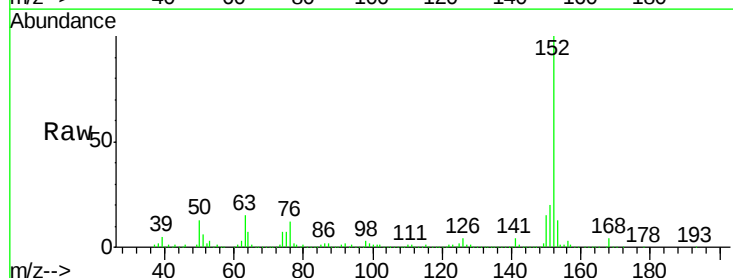
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#48
 Acenaphthylene
 Concen: 40.83 ng
 RT: 9.26 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	13.5	10.3	15.5





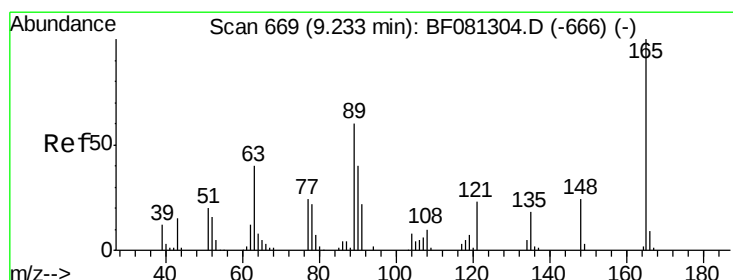
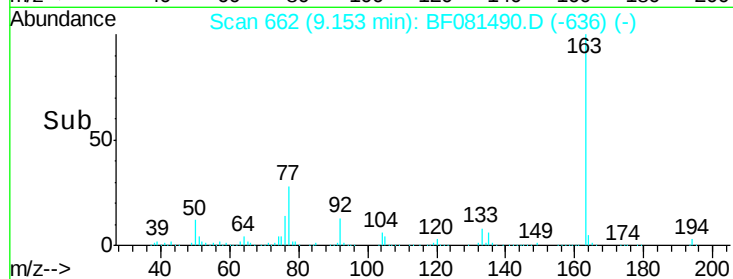
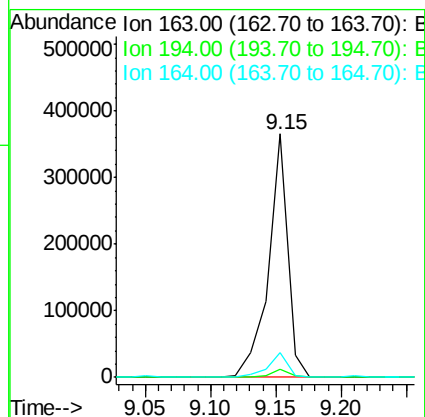
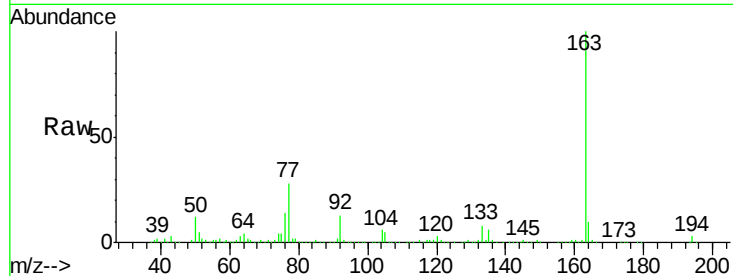
#49
Dimethylphthalate
Concen: 46.47 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	4.4	6.6#
164	10.2	8.3	12.5

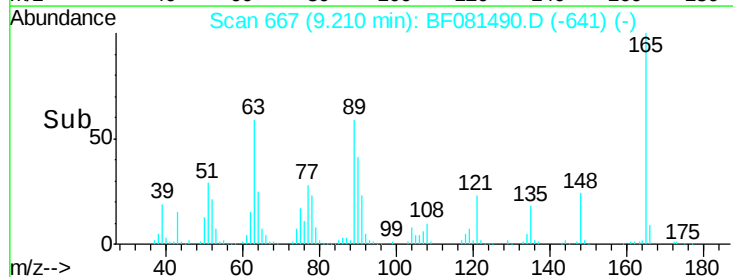
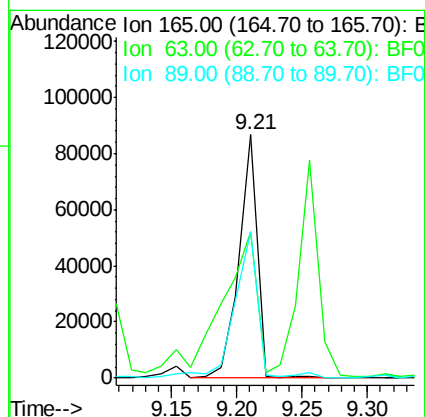
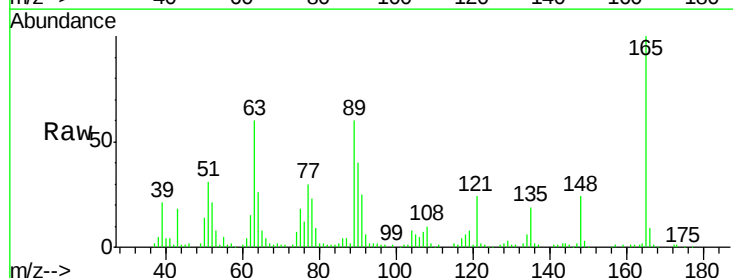
Manual Integrations
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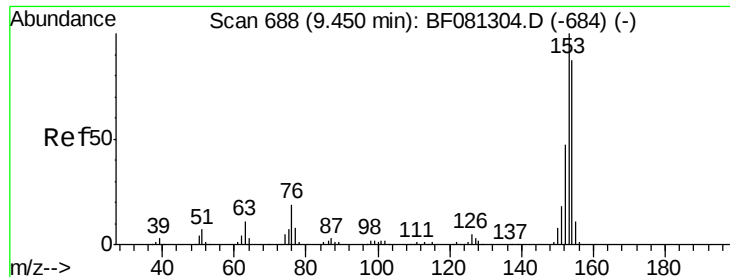
MMDadoda
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#50
2,6-Dinitrotoluene
Concen: 45.02 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.2	32.3	48.5#
89	60.1	28.6	43.0#





#51

Acenaphthene

Concen: 45.40 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

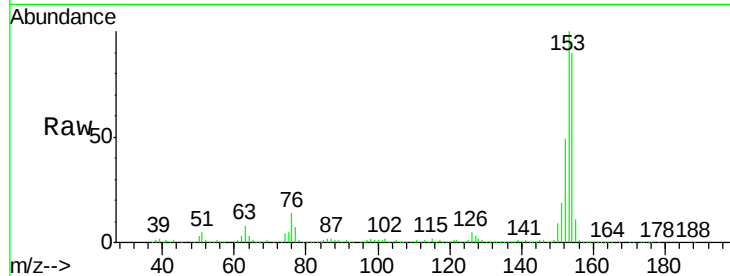
ClientSampleId :

HX2MS

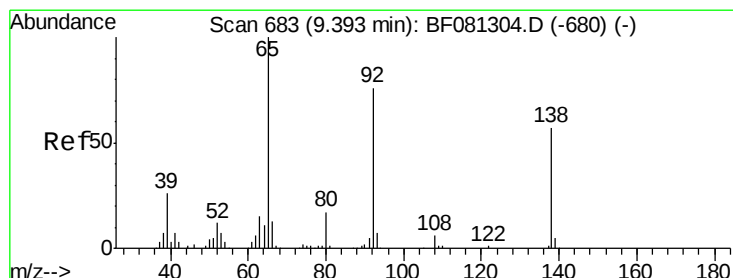
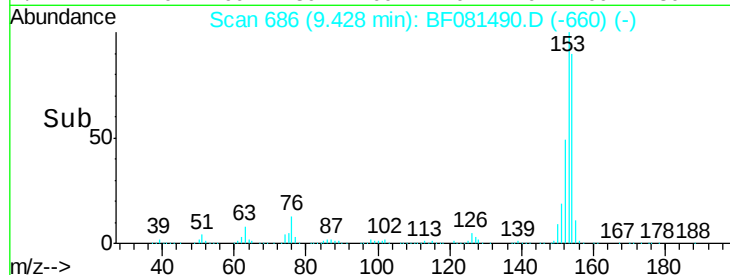
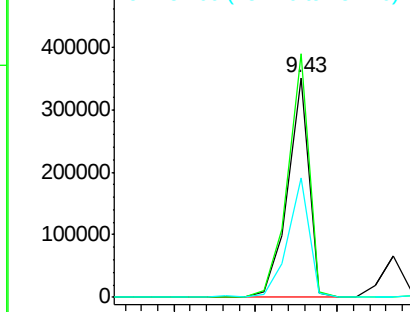
Tgt Ion:	154	Resp:	321304
Ion Ratio	Lower	Upper	
154	100		
153	110.9	82.1	123.1
152	54.1	37.9	56.9

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



#52

3-Nitroaniline

Concen: 25.70 ng

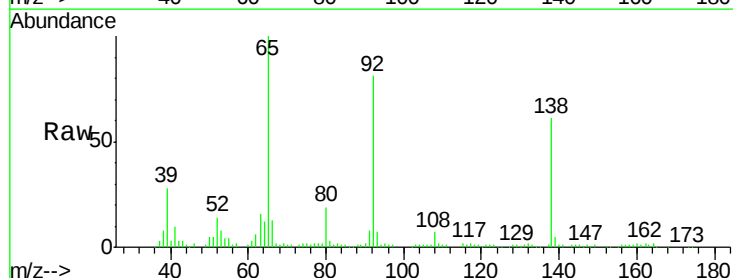
RT: 9.37 min Scan# 681

Delta R.T. 0.00 min

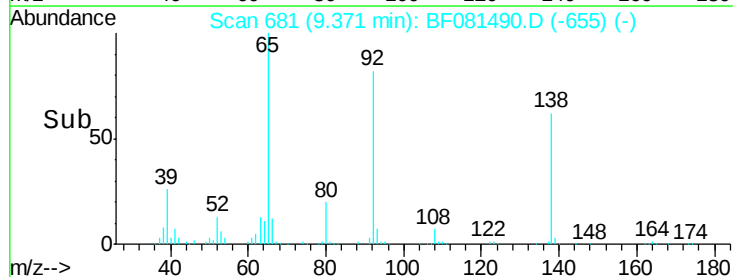
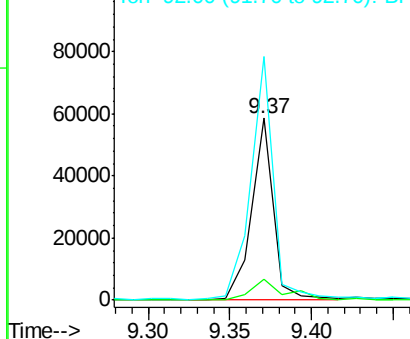
Lab File: BF081490.D

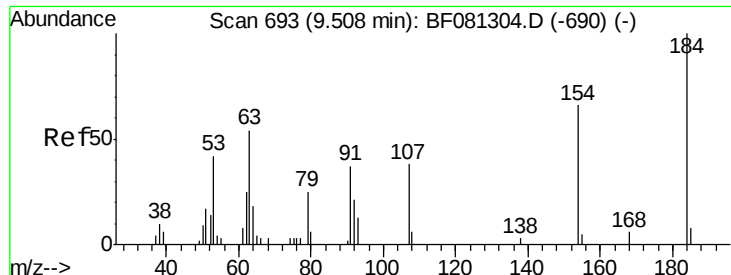
Acq: 6 Sep 2015 4:37

Tgt Ion:	138	Resp:	54442
Ion Ratio	Lower	Upper	
138	100		
108	11.7	5.7	8.5#
92	133.9	67.7	101.5#



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





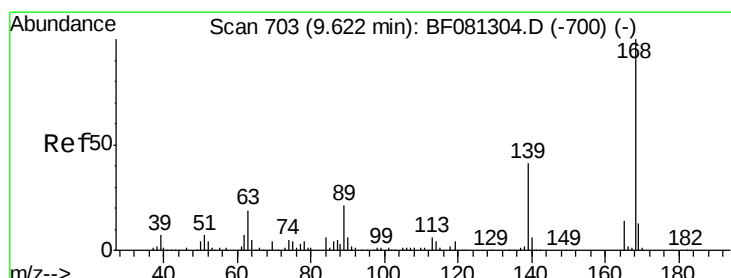
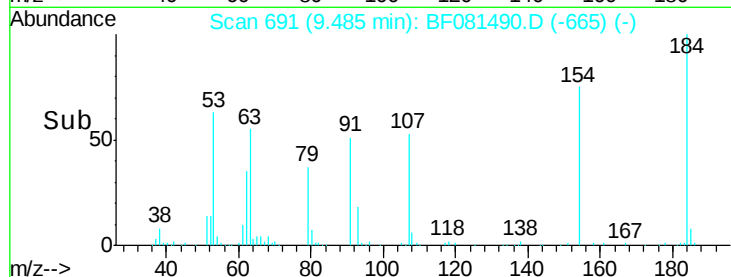
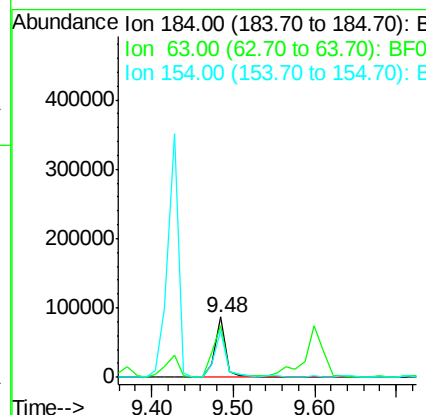
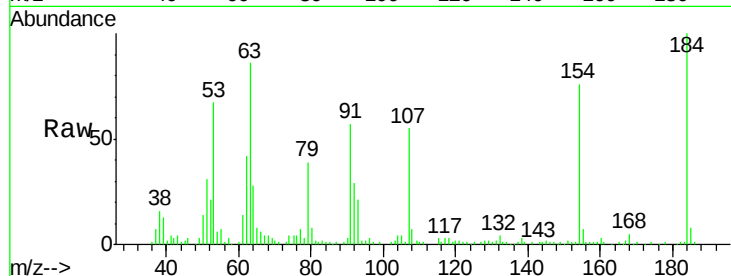
#53
2,4-Dinitrophenol
Concen: 108.64 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	85.9	35.4	53.2#
154	76.2	32.2	48.4#

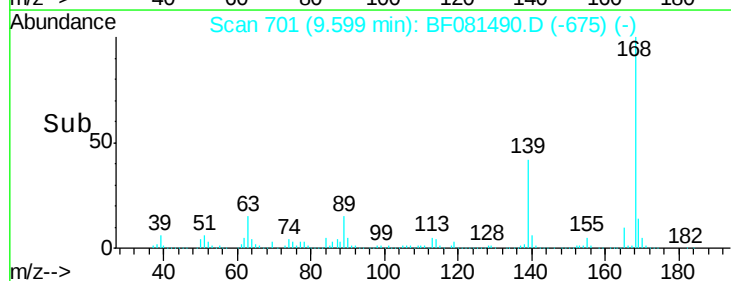
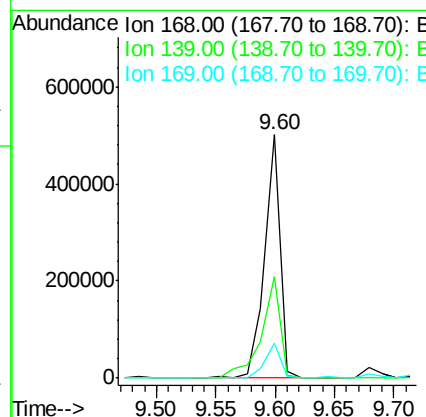
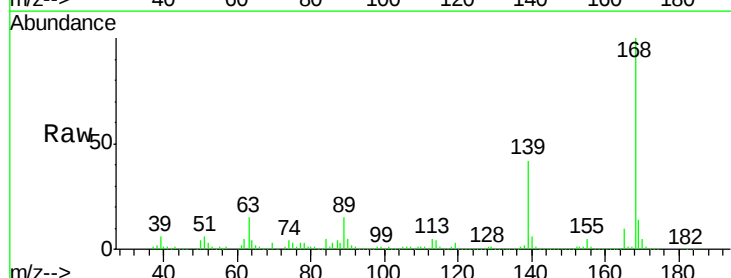
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#54
Dibenzofuran
Concen: 44.43 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	41.6	24.2	36.2#
169	14.3	10.6	15.8





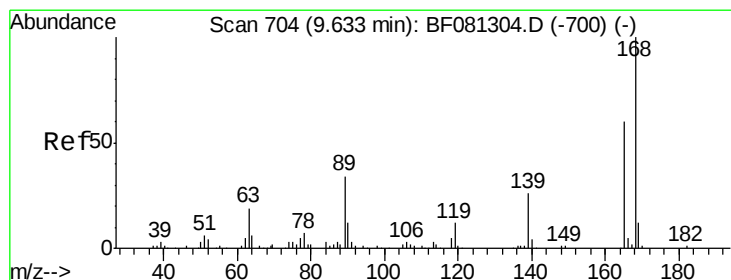
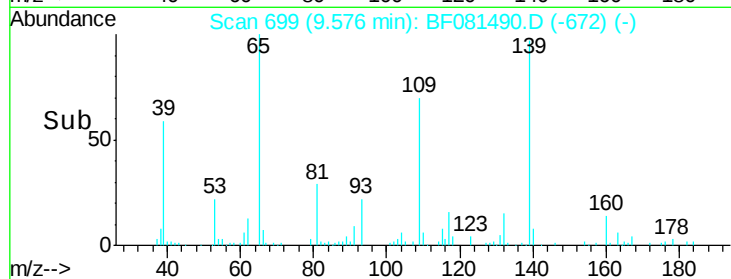
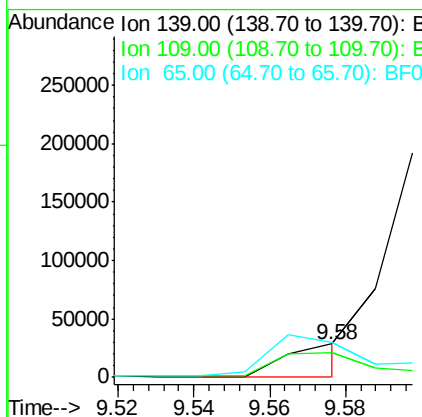
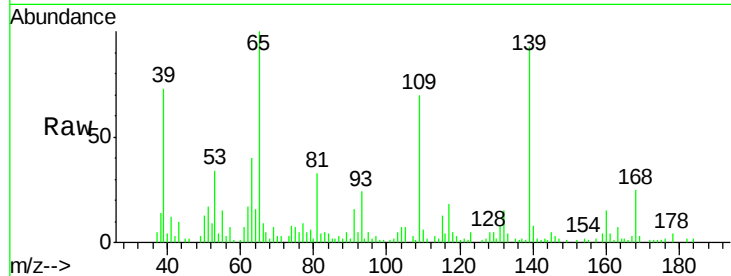
#55
4-Nitrophenol
Concen: 24.99 ng m
RT: 9.58 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	33264		
109	74.9	12.7	52.7#	
65	107.2	45.9	85.9#	

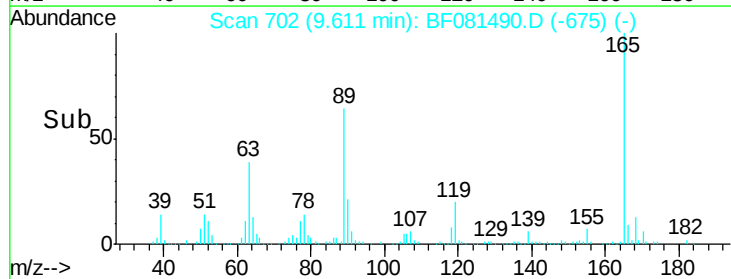
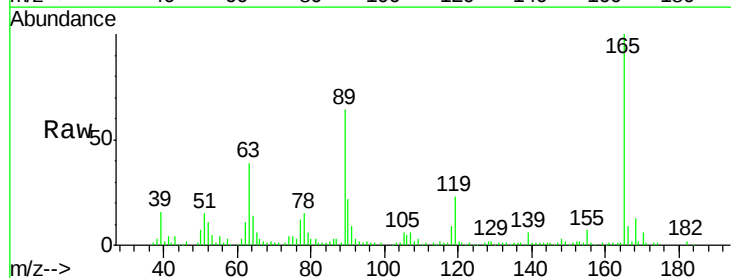
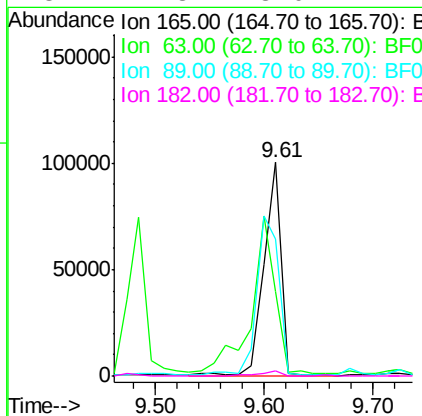
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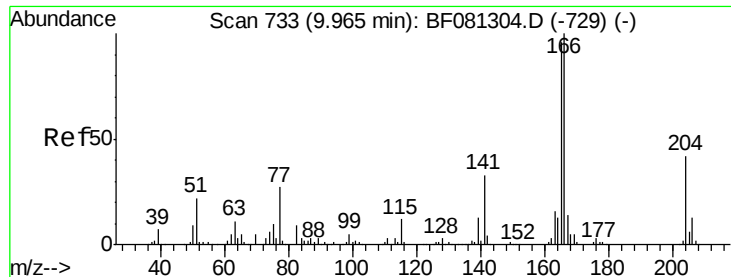
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#56
2,4-Dinitrotoluene
Concen: 47.73 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113117		
63	39.4	29.8	44.6	
89	64.2	44.5	66.7	
182	2.3	3.0	4.4#	





#57

Fluorene

Concen: 44.11 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

HX2MS

Tgt Ion:166 Resp: 345881

Ion Ratio Lower Upper

166 100

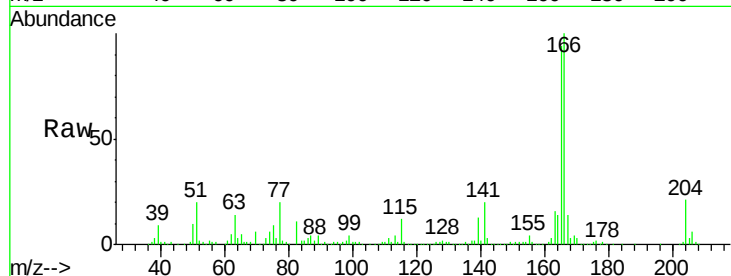
165 94.3 72.6 109.0

167 14.5 10.6 16.0

Manual Integrations
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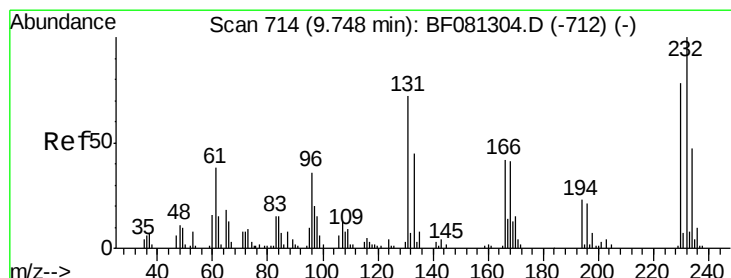
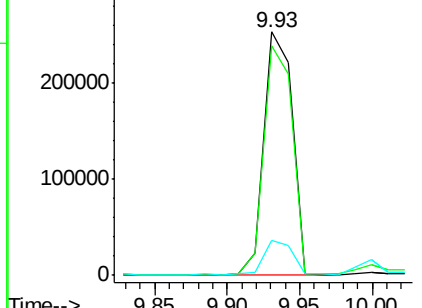
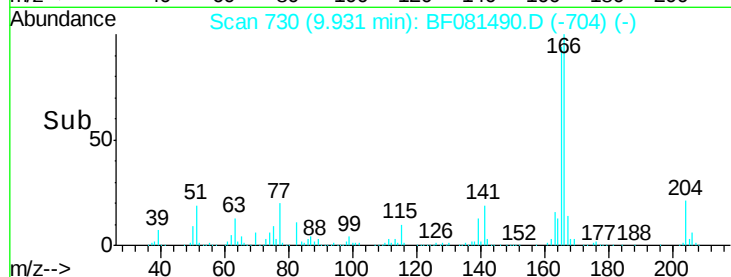
9/8/2015 3:56:55 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.44 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Tgt Ion:232 Resp: 77938

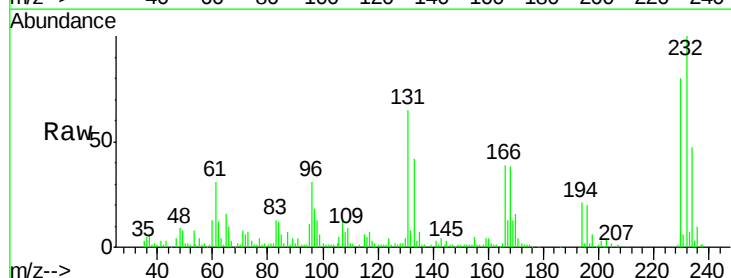
Ion Ratio Lower Upper

232 100

131 58.6 38.5 57.7#

130 3.4 1.8 2.6#

166 36.2 25.0 37.6

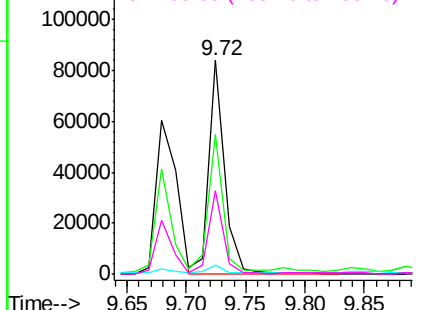
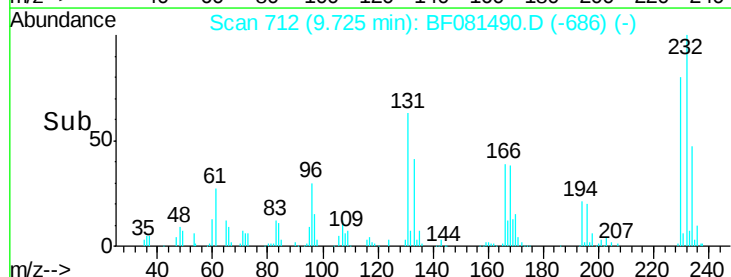


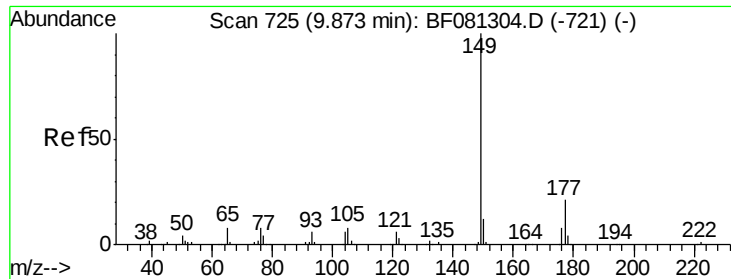
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





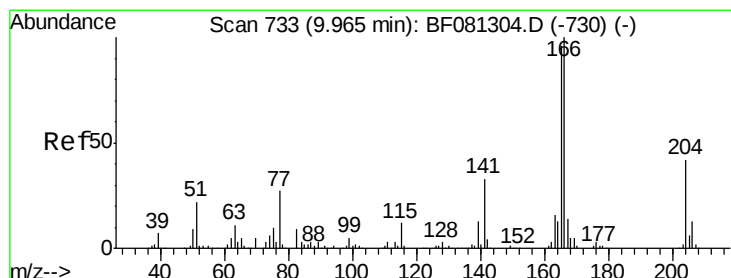
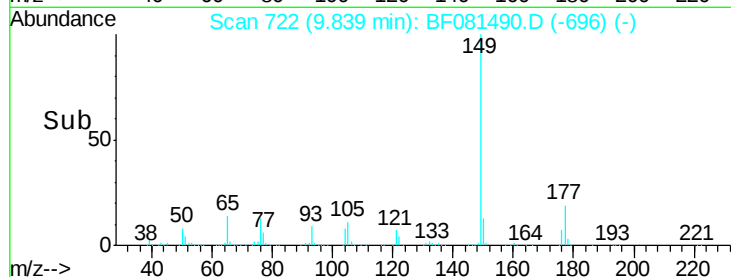
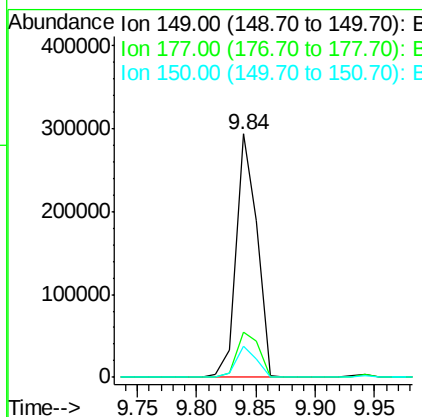
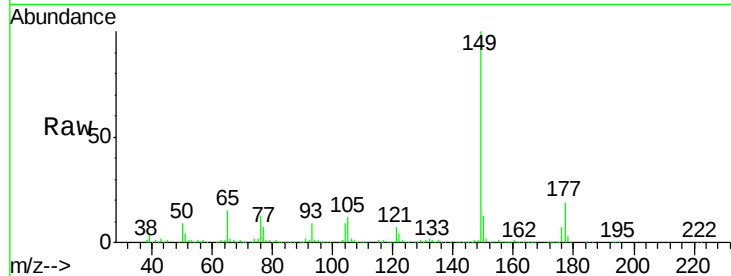
#59
Diethylphthalate
Concen: 41.50 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	357977		
177	18.7	17.5	26.3	
150	12.7	9.4	14.2	

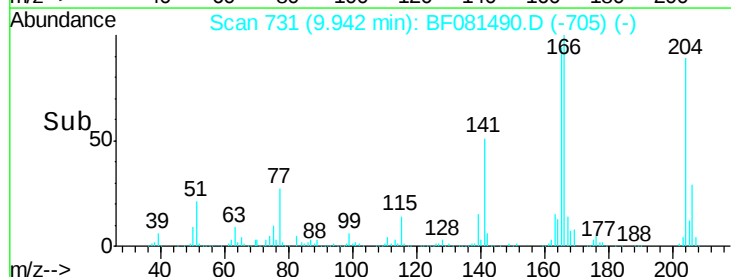
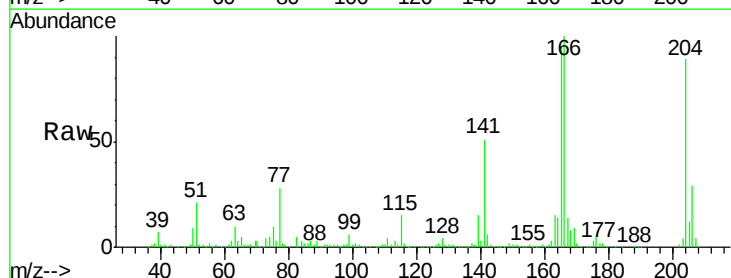
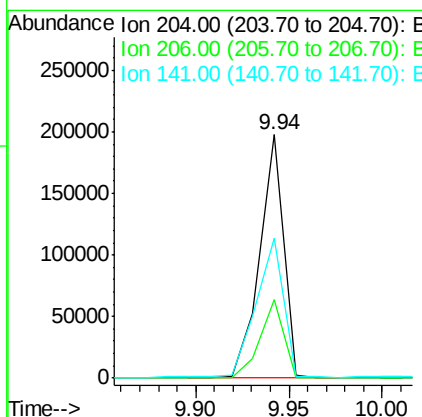
Manual Integrations
APPROVED

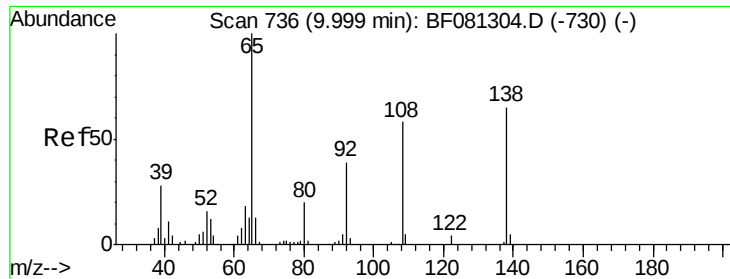
MMDadoda
9/8/2015 3:56:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.53 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	173706		
206	32.1	24.8	37.2	
141	57.6	42.2	63.4	





#61

4-Nitroaniline

Concen: 32.44 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081490.D

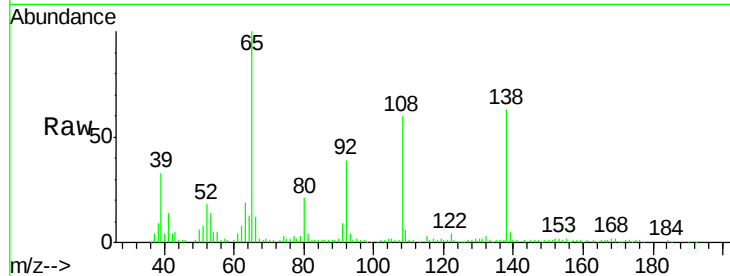
Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

HX2MS



Tgt Ion: 138 Resp: 69433

Ion Ratio Lower Upper

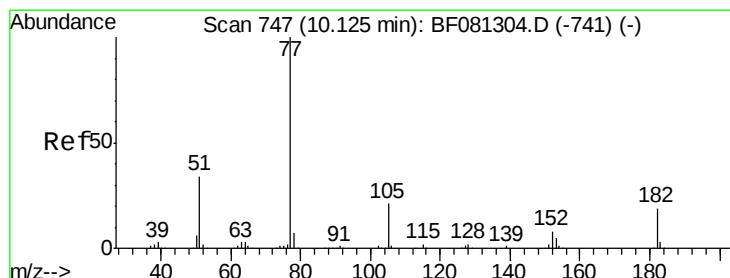
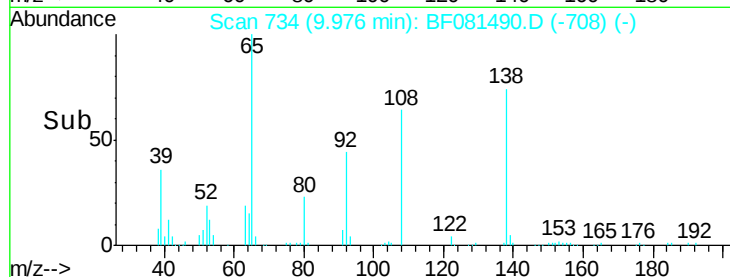
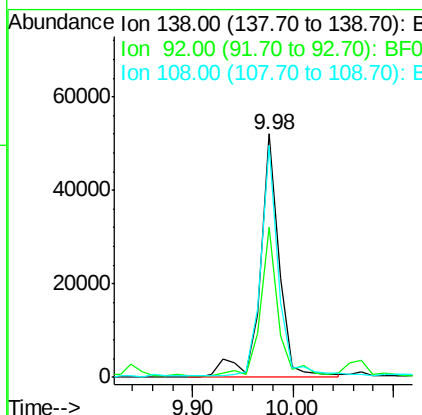
138 100

92 61.4 12.6 52.6#

108 95.3 12.4 52.4#

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#62

Azobenzene

Concen: 40.72 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Tgt Ion: 77 Resp: 390468

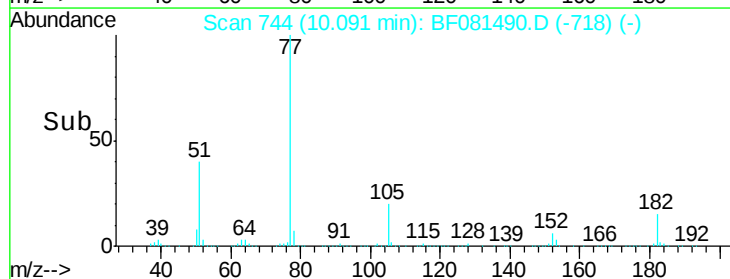
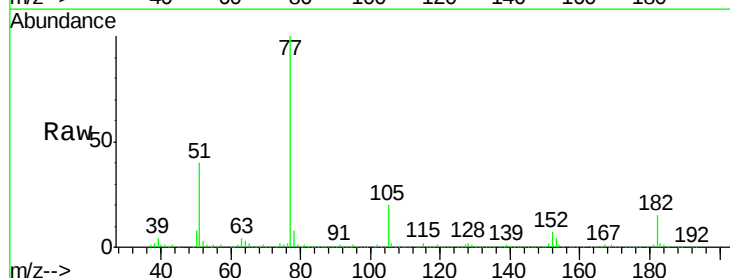
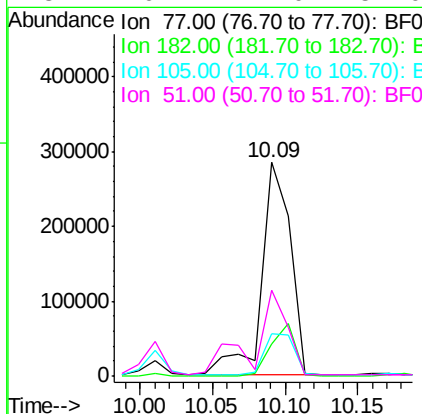
Ion Ratio Lower Upper

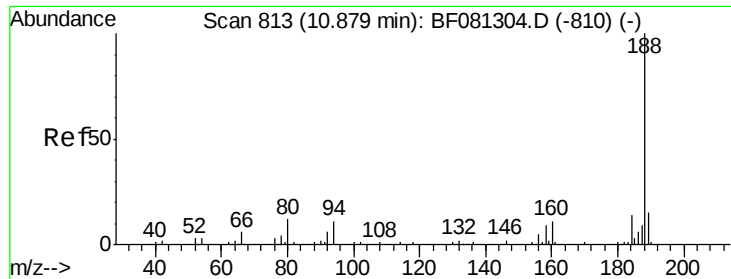
77 100

182 14.8 15.1 55.1#

105 20.0 3.4 43.4

51 40.2 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

ClientSampled :

HX2MS

Tgt Ion:188 Resp: 200138
Ion Ratio Lower Upper

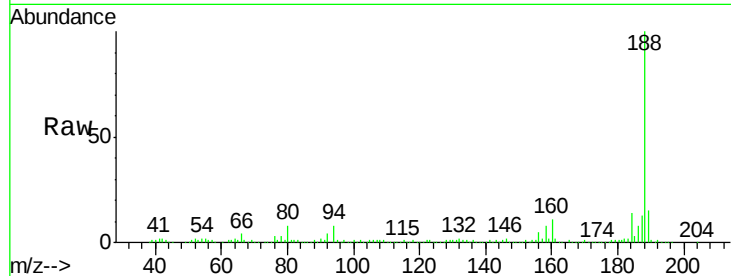
188 100

94 7.9 11.1 16.7#

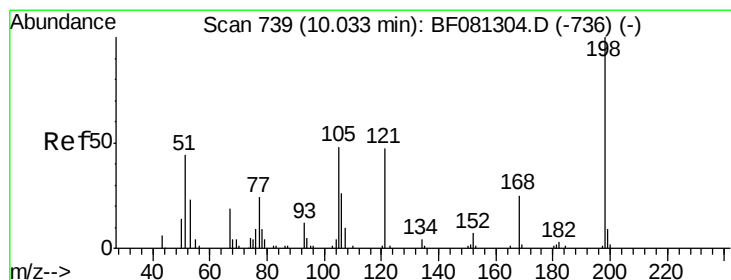
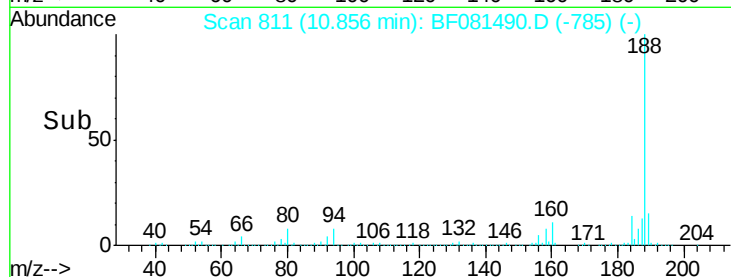
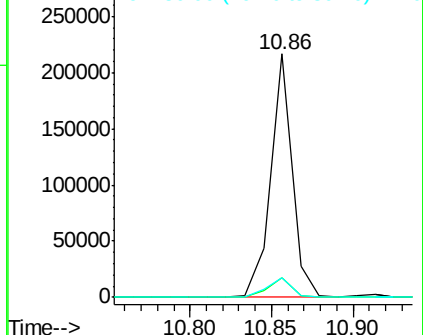
80 8.2 11.0 16.4#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.80 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF081490.D

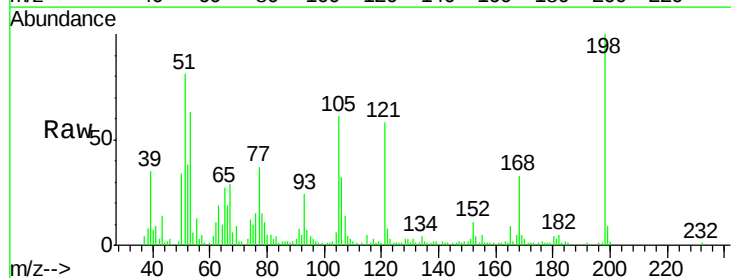
Acq: 6 Sep 2015 4:37

Tgt Ion:198 Resp: 51266
Ion Ratio Lower Upper

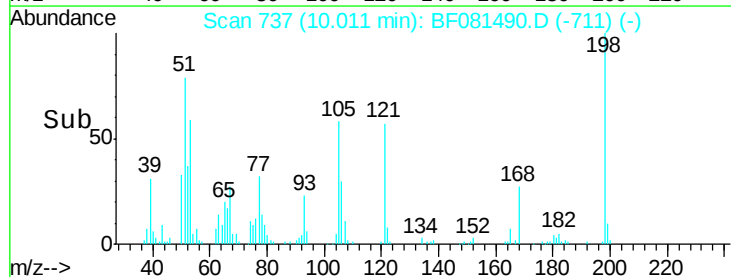
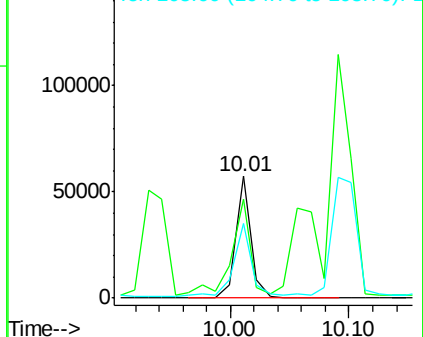
198 100

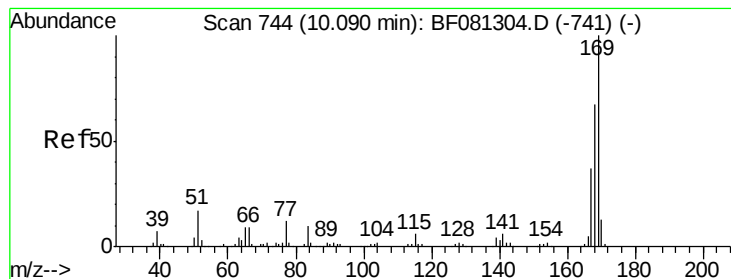
51 81.4 39.6 79.6#

105 61.0 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





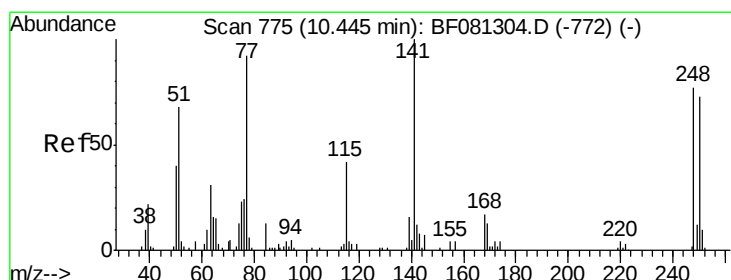
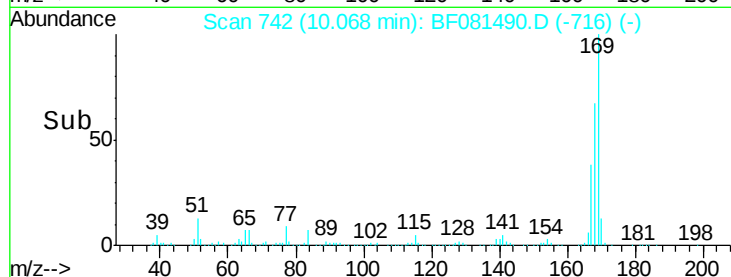
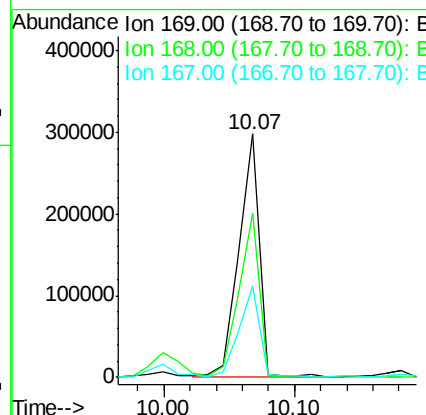
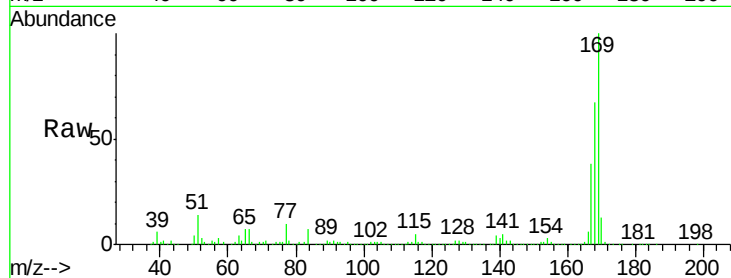
#65
 n-Nitrosodiphenylamine
 Concen: 43.58 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	317391		
168	67.4	48.9	73.3	
167	37.6	26.2	39.4	

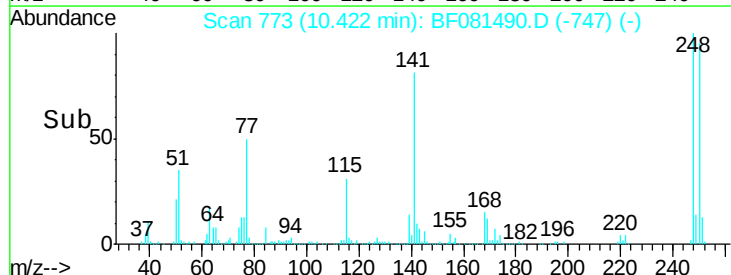
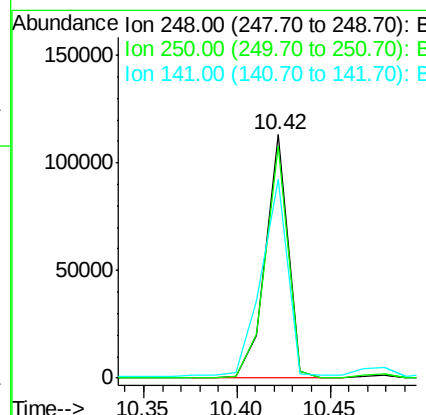
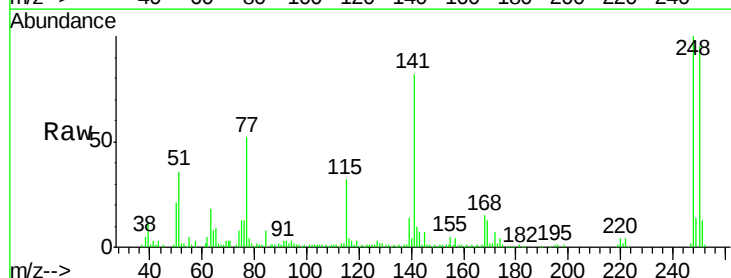
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#66
 4-Bromophenyl-phenylether
 Concen: 46.46 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	94029		
250	95.4	78.5	117.7	
141	81.9	59.0	88.6	





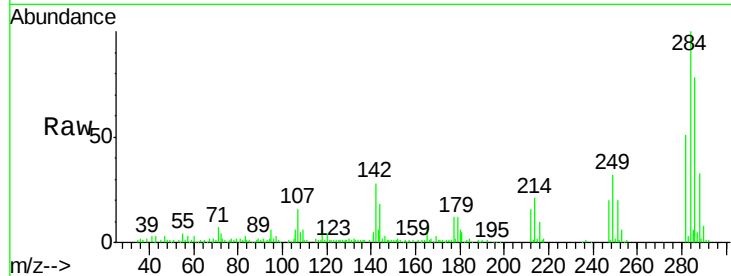
#67
Hexachlorobenzene
Concen: 45.36 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

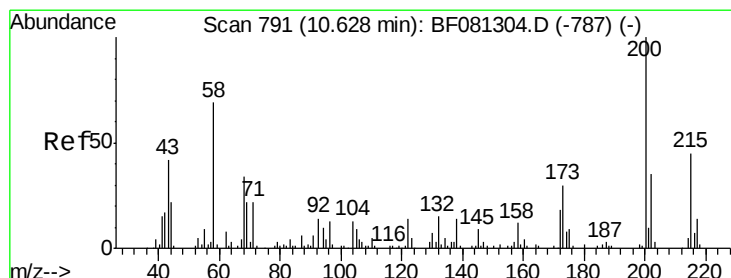
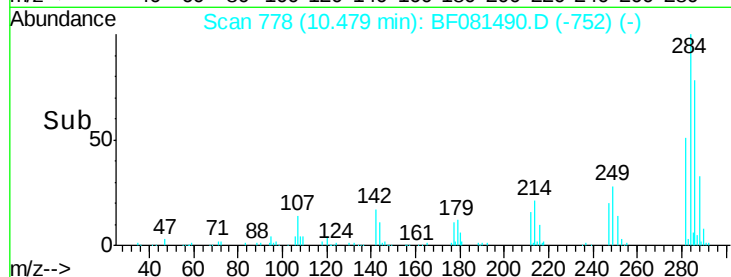
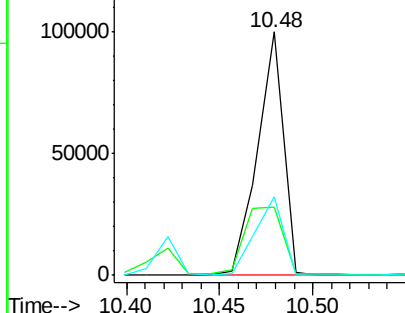
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	28.2	29.5	44.3#
249	32.0	19.5	29.3#

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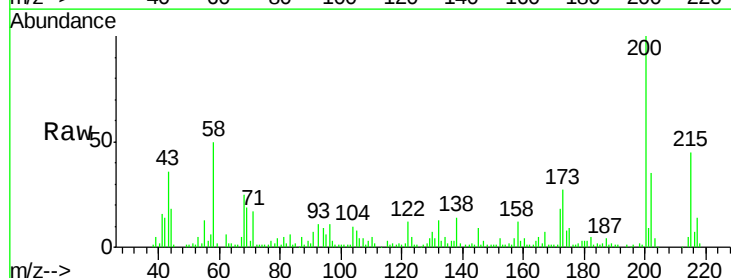


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

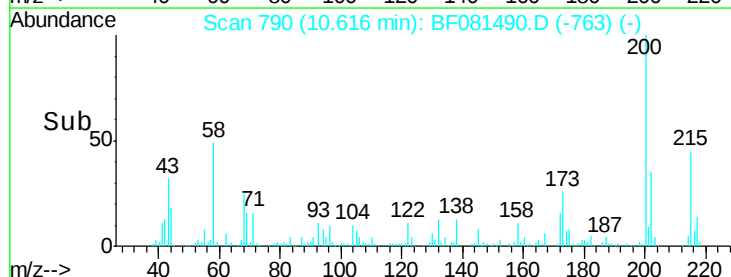
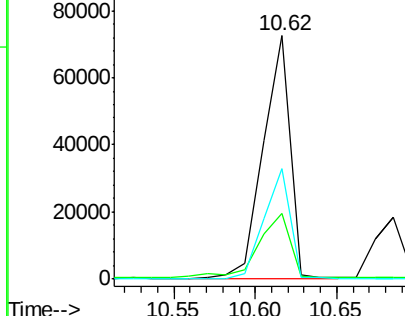


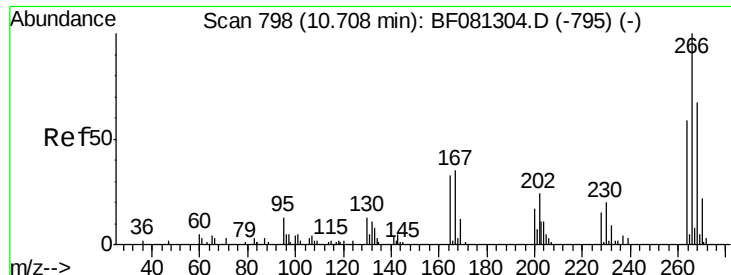
#68
Atrazine
Concen: 39.93 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	13.2	53.2
215	45.3	41.8	81.8



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





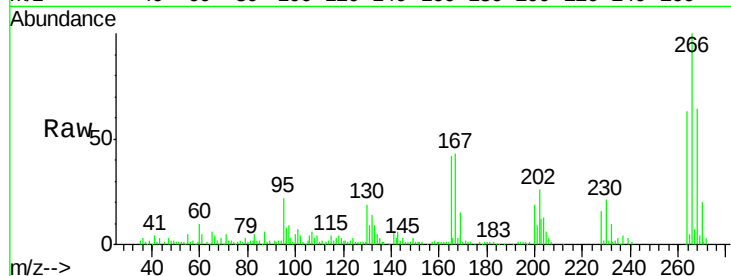
#69
 Pentachlorophenol
 Concen: 101.82 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

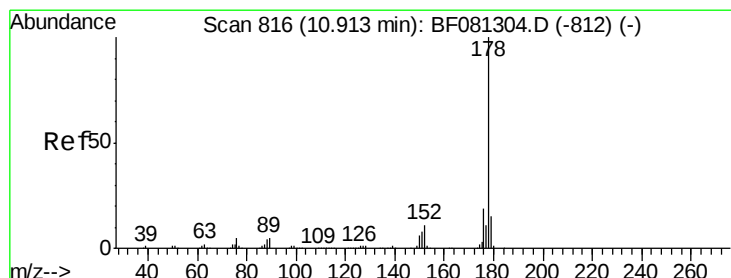
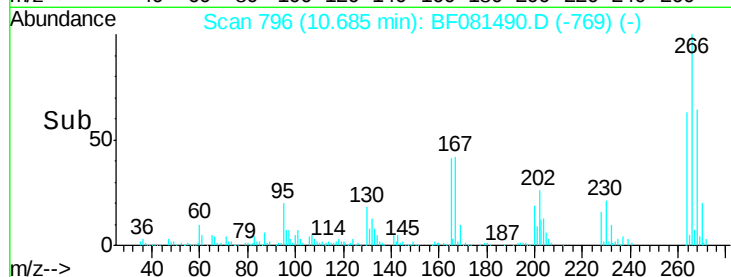
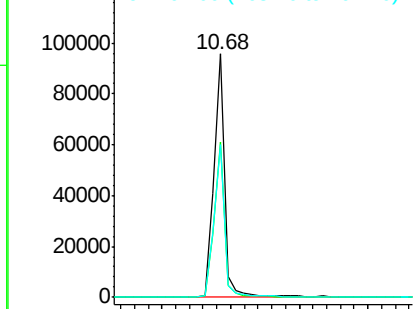
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	107639		
268	63.6	49.8	74.6	
264	62.8	50.2	75.2	

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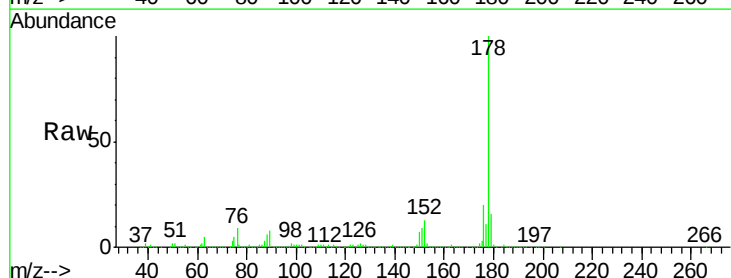


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

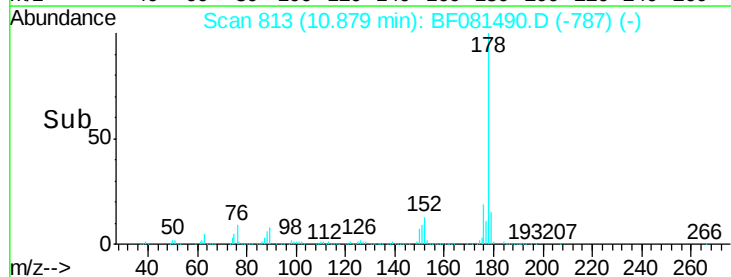
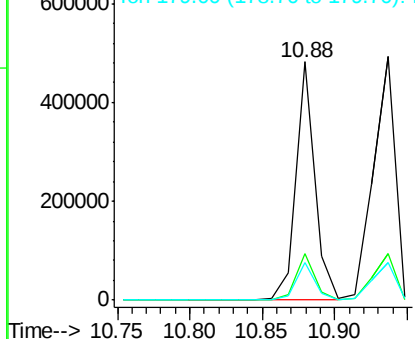


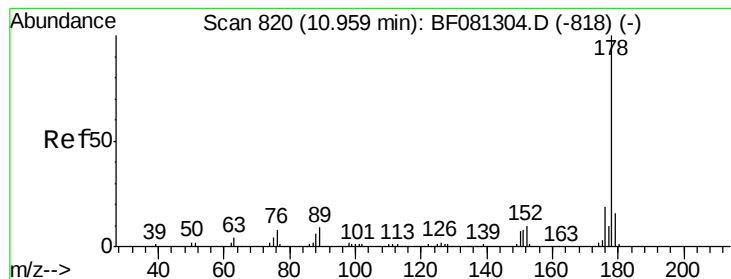
#70
 Phenanthrene
 Concen: 38.79 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	431621		
176	19.5	13.8	20.8	
179	15.8	12.2	18.2	



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





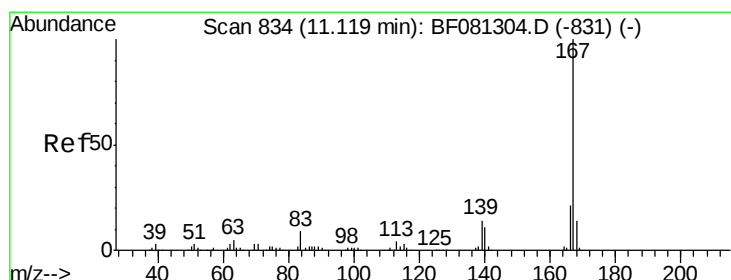
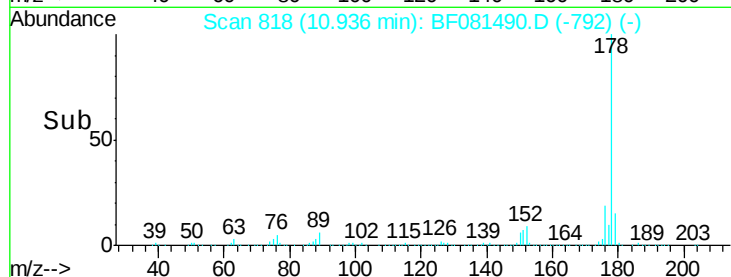
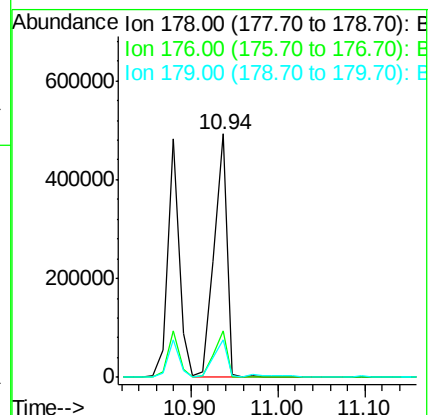
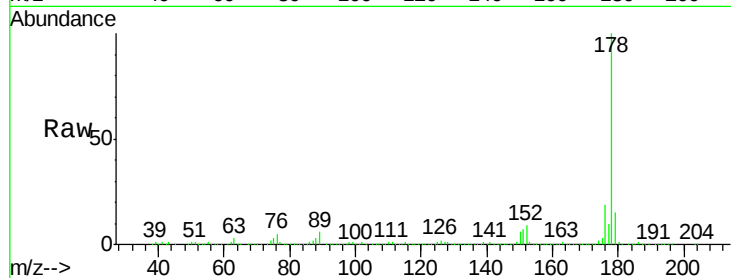
#71
 Anthracene
 Concen: 45.14 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.1	21.1
179	15.3	12.2	18.2

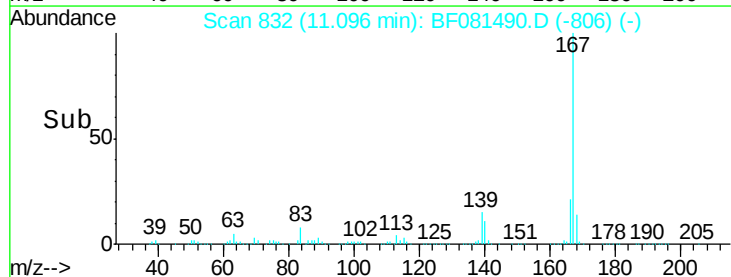
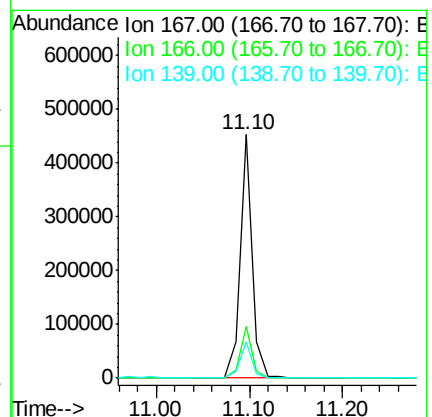
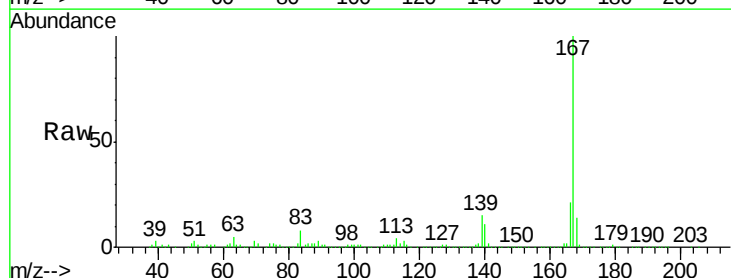
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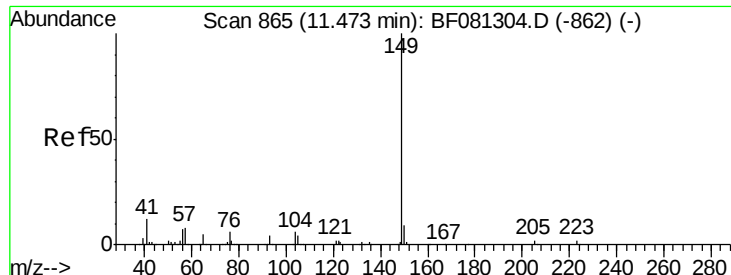
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#72
 Carbazole
 Concen: 38.03 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	15.7	23.5
139	14.7	9.5	14.3





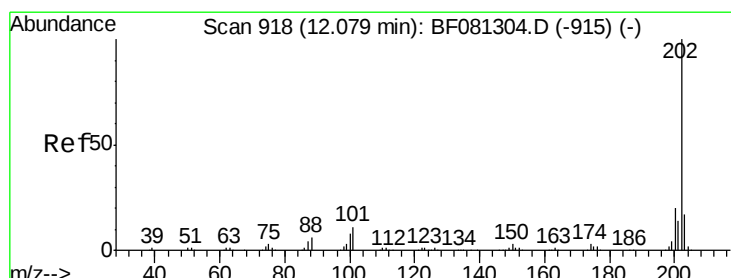
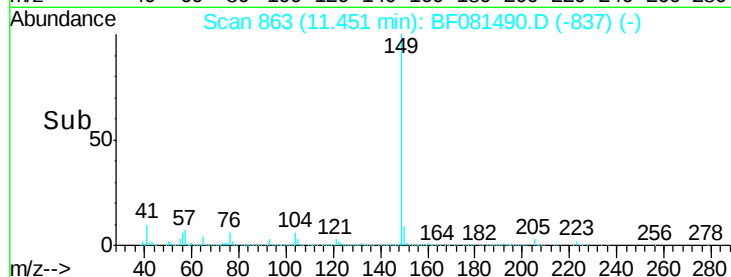
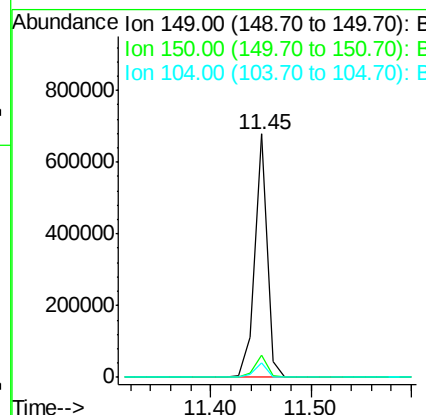
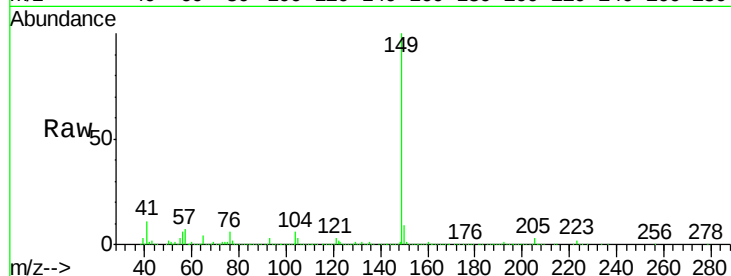
#73
Di-n-butylphthalate
Concen: 45.30 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.3	7.4	11.2
104	5.7	2.4	3.6

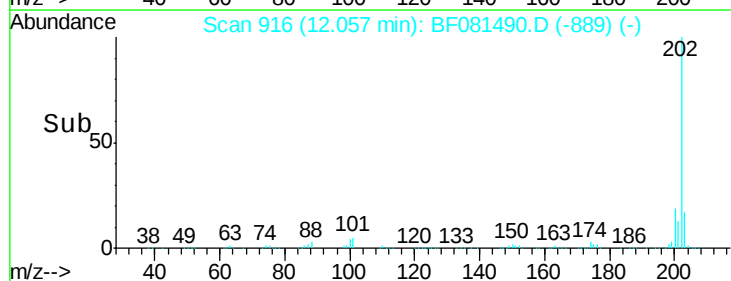
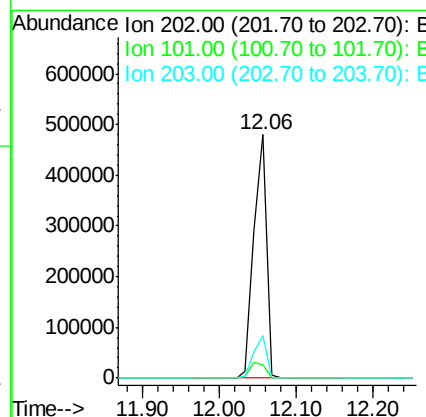
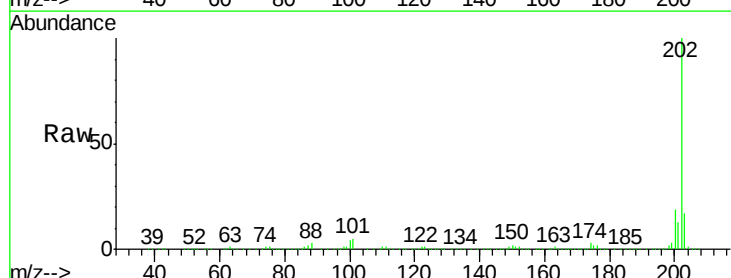
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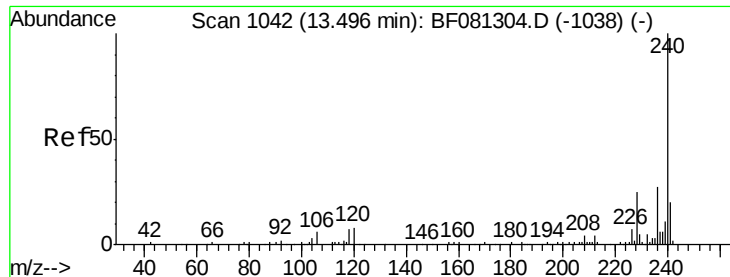
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#74
Fluoranthene
Concen: 45.46 ng
RT: 12.06 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	5.4	0.0	38.3
203	17.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

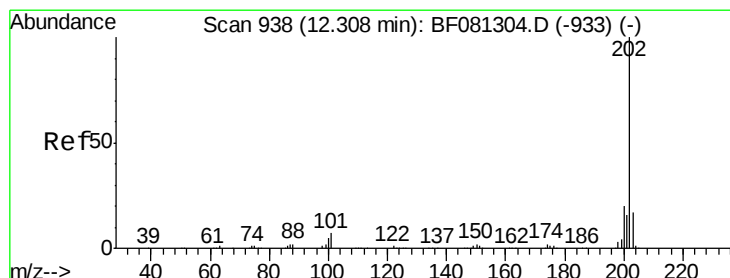
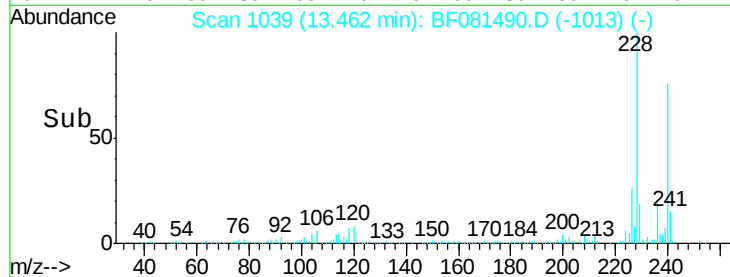
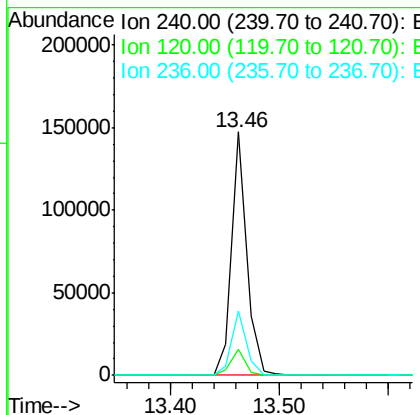
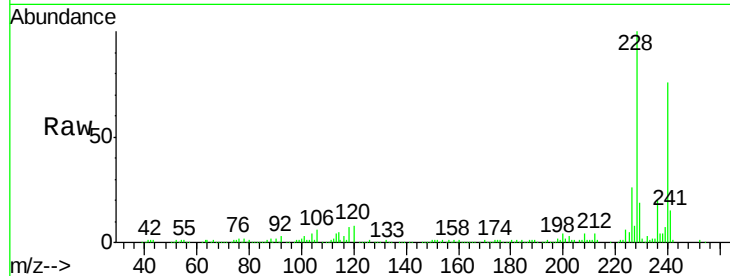
ClientSampleId :

HX2MS

Tgt Ion:	240	Resp:	142381
Ion Ratio	Lower	Upper	
240	100		
120	10.8	16.2	24.2#
236	26.4	18.4	27.6

Manual Integrations
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#77

Pyrene

Concen: 47.81 ng

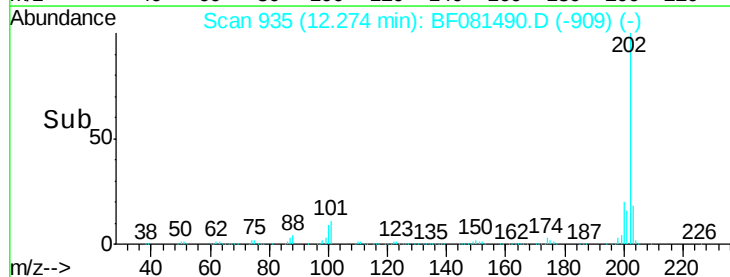
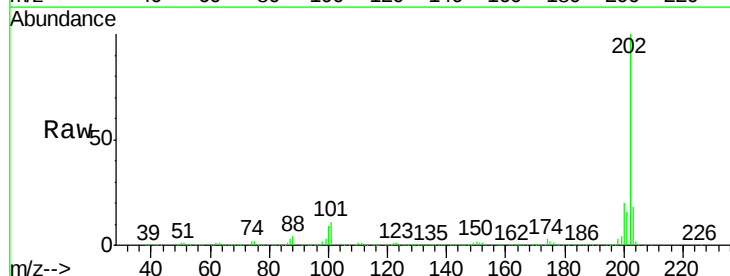
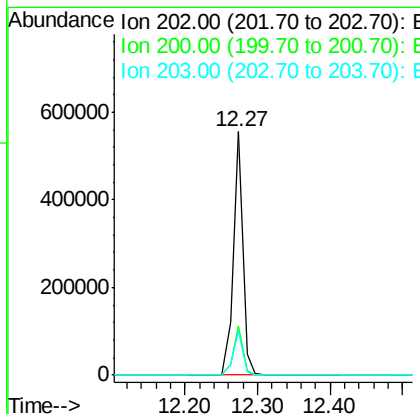
RT: 12.27 min Scan# 935

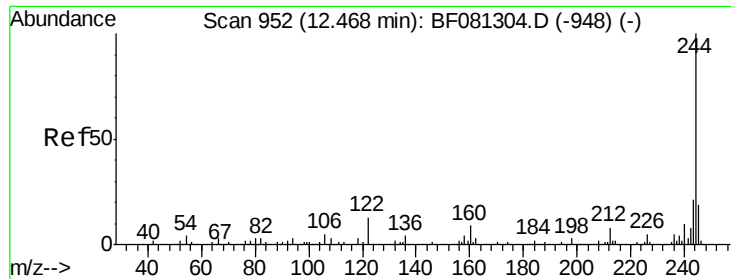
Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Tgt Ion:	202	Resp:	504244
Ion Ratio	Lower	Upper	
202	100		
200	20.2	15.0	22.4
203	18.0	14.1	21.1





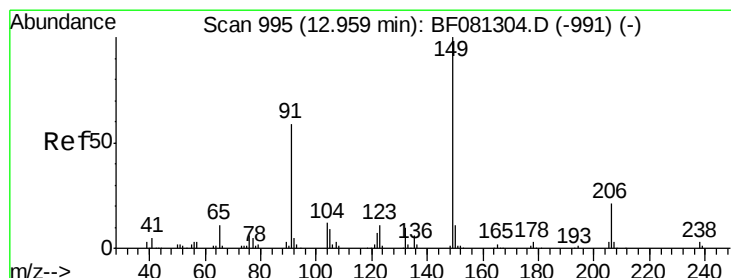
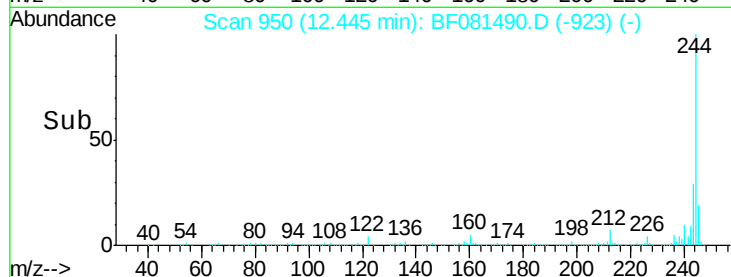
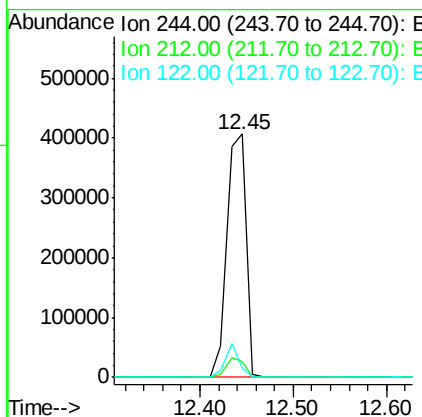
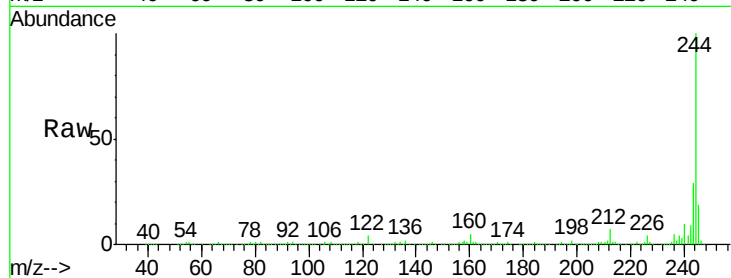
#78
 Terphenyl-d14
 Concen: 95.92 ng
 RT: 12.45 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 HX2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	4.3	6.5#
122	4.1	17.4	26.2#

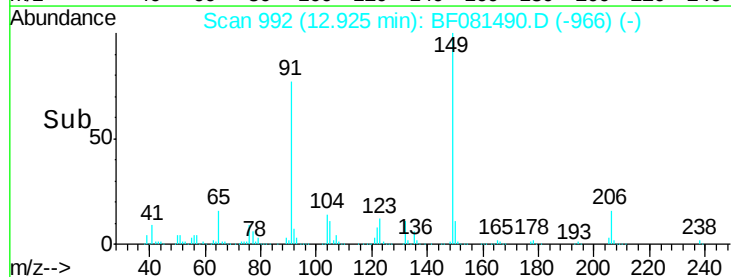
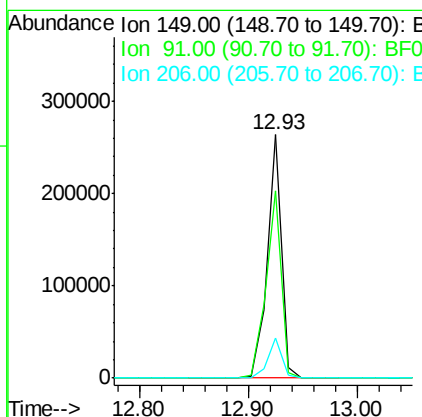
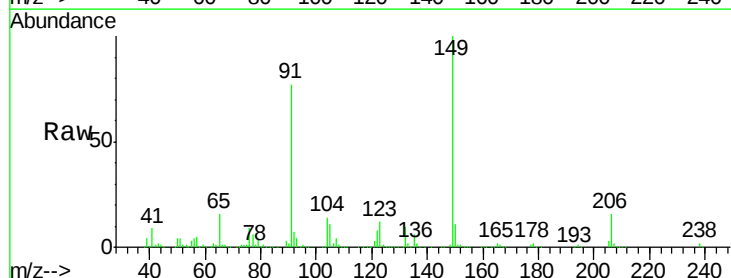
Manual Integrations
 APPROVED

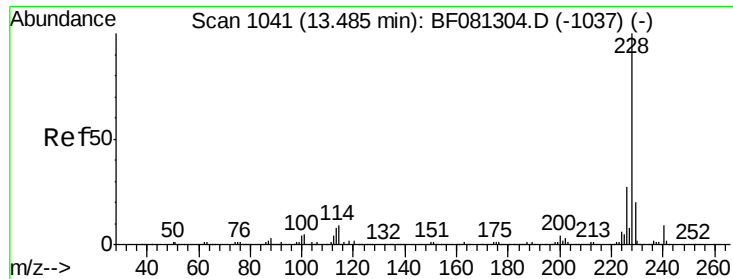
MMDadoda
 9/8/2015 3:56:55 PM



#79
 Butylbenzylphthalate
 Concen: 52.94 ng
 RT: 12.93 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF081490.D
 Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	76.7	48.6	72.8#
206	16.4	14.9	22.3





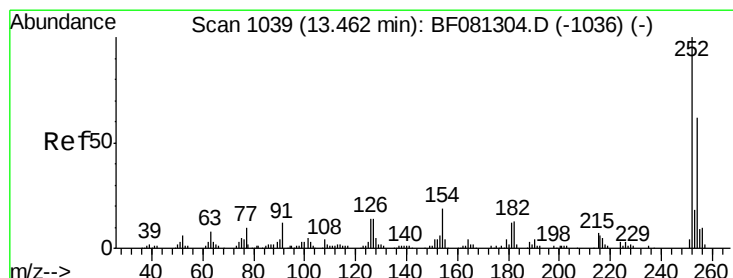
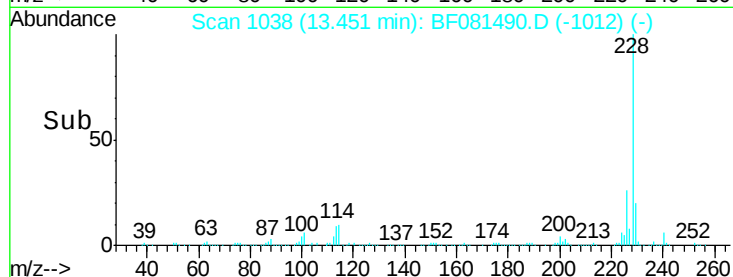
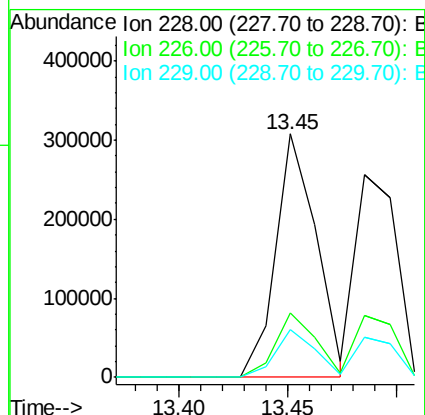
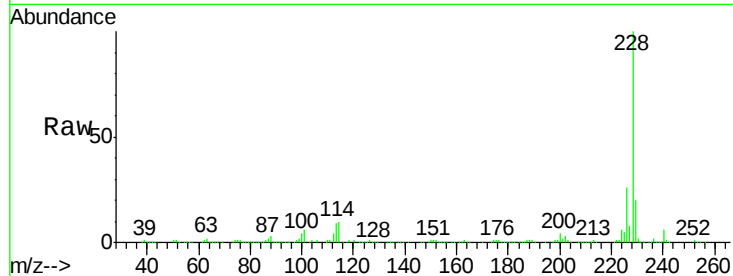
#80
Benzo(a)anthracene
Concen: 44.39 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.0	30.0
229	19.7	15.4	23.2

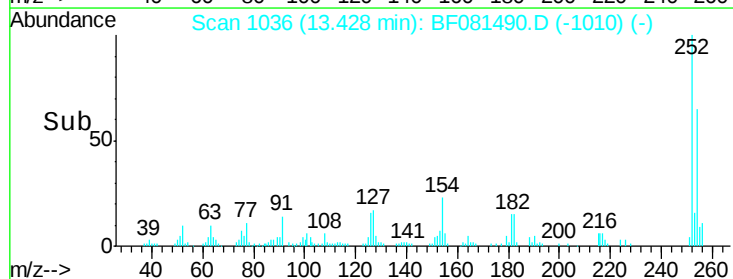
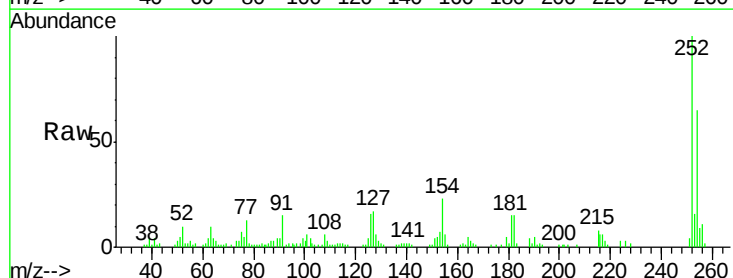
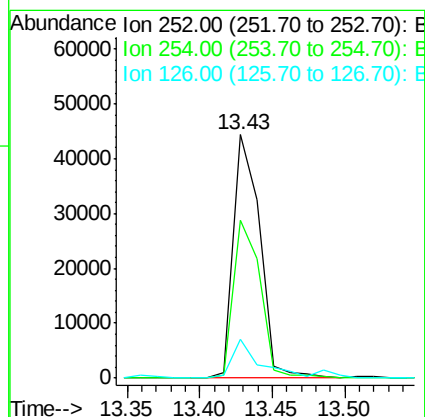
Manual Integrations
APPROVED

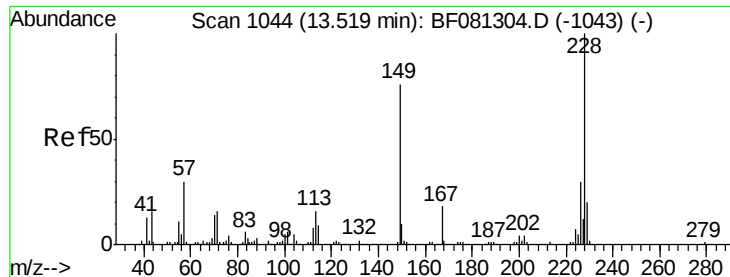
MMDadoda
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#81
3,3'-Dichlorobenzidine
Concen: 18.41 ng
RT: 13.43 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.4	77.2
126	15.8	16.4	24.6





#82

Chrysene

Concen: 42.66 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Instrument :

BNA_F

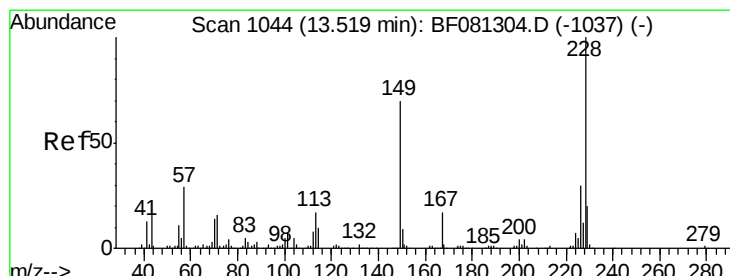
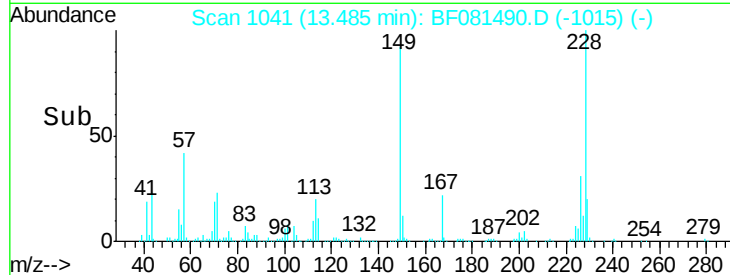
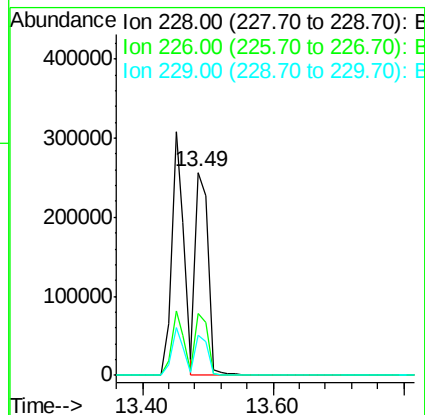
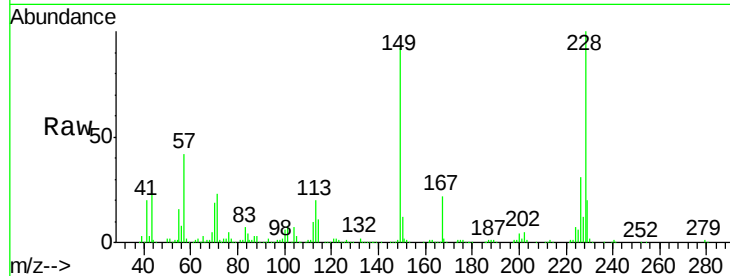
ClientSampled :

HX2MS

Tgt Ion:	228	Resp:	346755
Ion Ratio		Lower	Upper
228	100		
226	30.6	21.0	31.4
229	19.9	15.6	23.4

Manual Integrations
APPROVED

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#83

Bis(2-ethylhexyl)phthalate

Concen: 51.04 ng

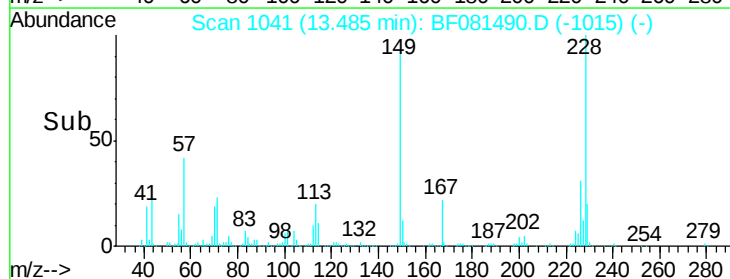
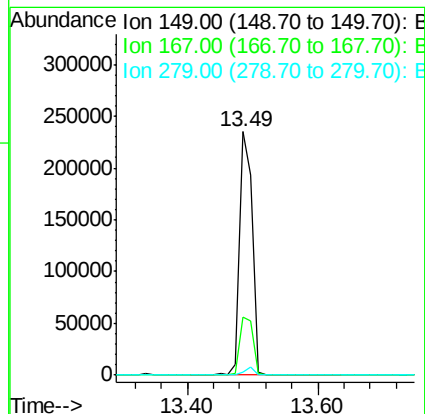
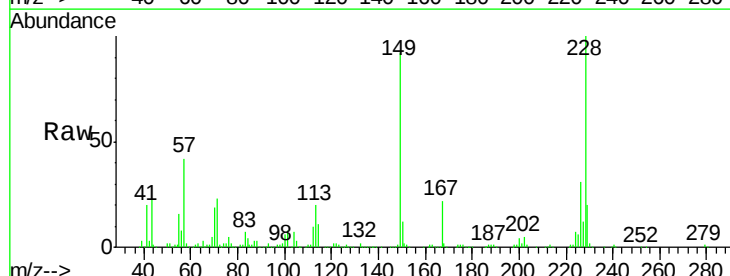
RT: 13.49 min Scan# 1041

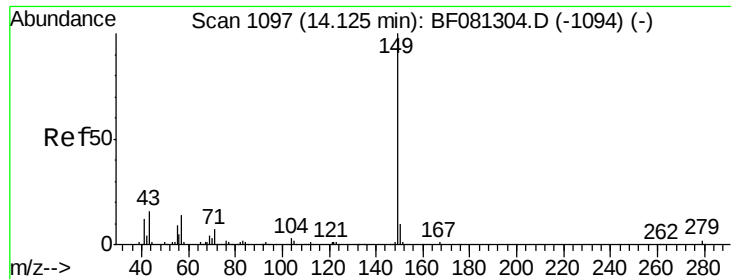
Delta R.T. 0.00 min

Lab File: BF081490.D

Acq: 6 Sep 2015 4:37

Tgt Ion:	149	Resp:	308965
Ion Ratio		Lower	Upper
149	100		
167	23.8	24.2	36.2#
279	1.5	3.8	5.6#





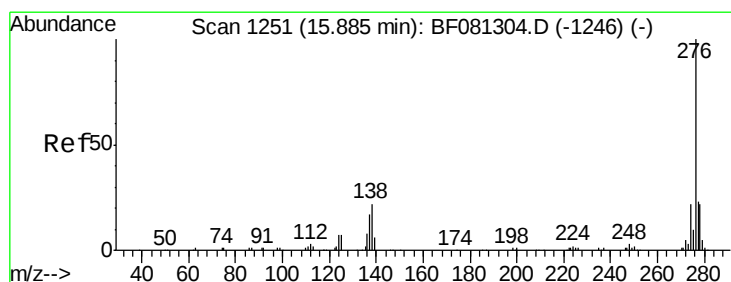
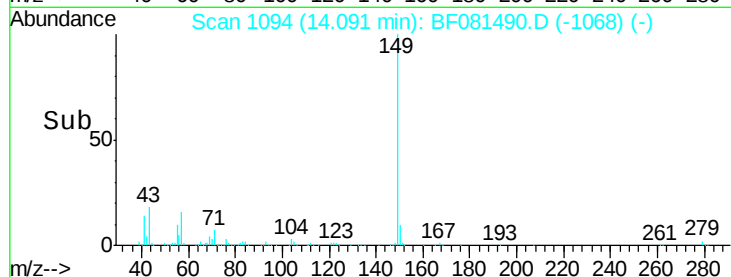
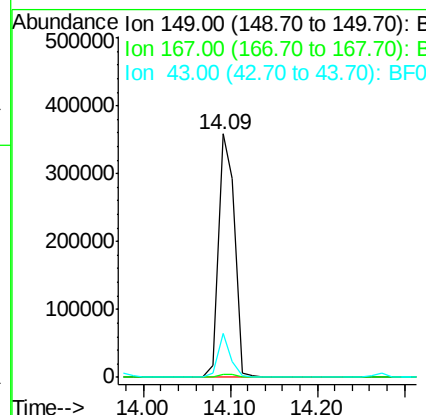
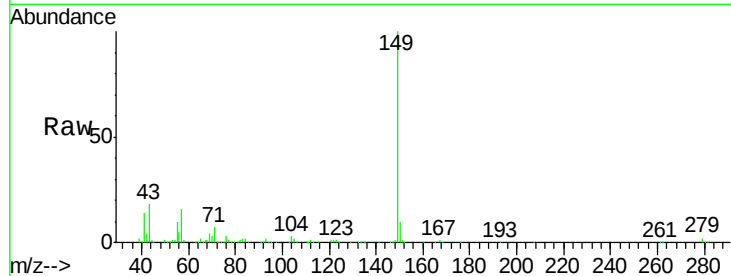
#84
Di-n-octyl phthalate
Concen: 47.05 ng
RT: 14.09 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	468966		
167	1.5	1.0	1.6	
43	13.8	10.2	15.2	

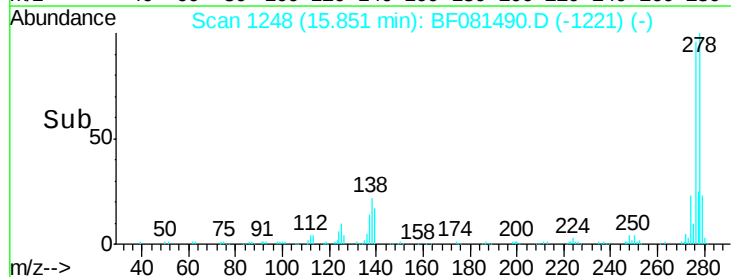
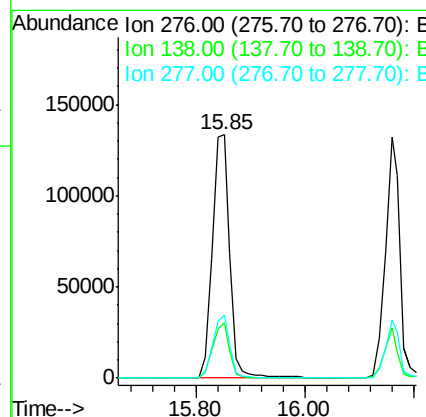
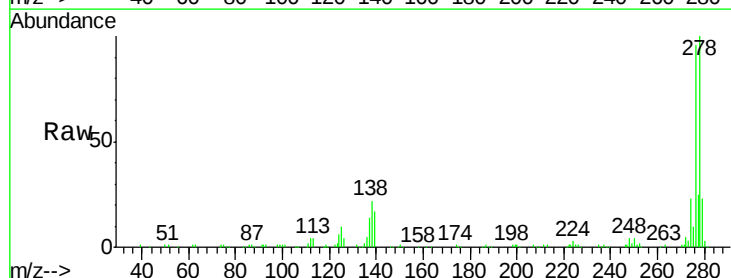
Manual Integrations
APPROVED

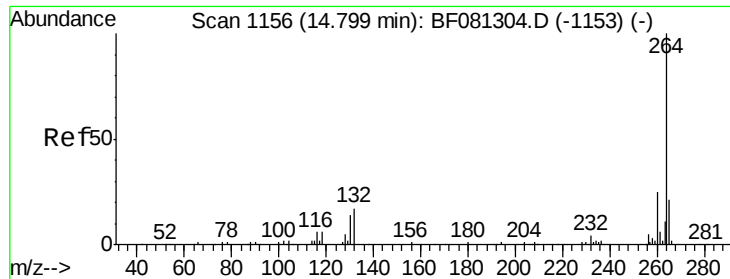
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#85
Indeno(1,2,3-cd)pyrene
Concen: 50.37 ng
RT: 15.85 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	300362		
138	21.9	25.7	38.5#	
277	24.8	15.6	23.4#	





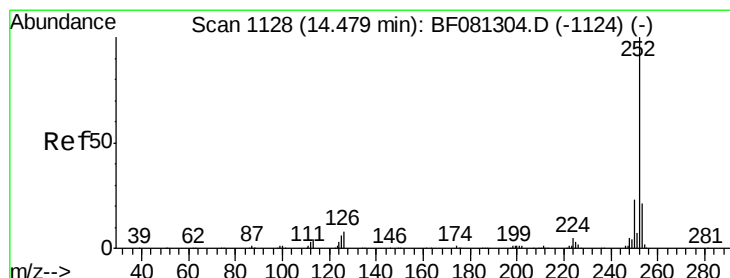
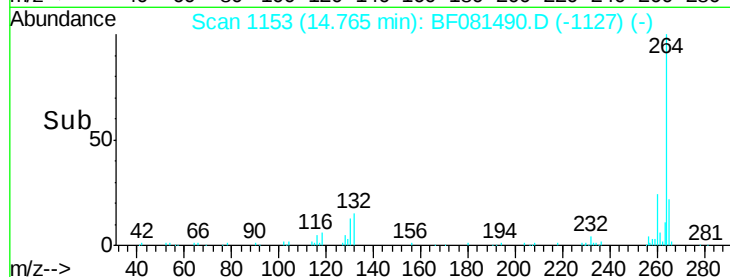
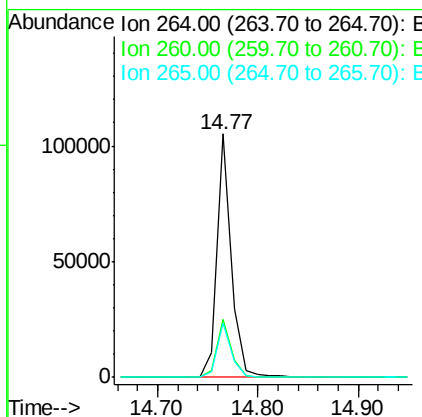
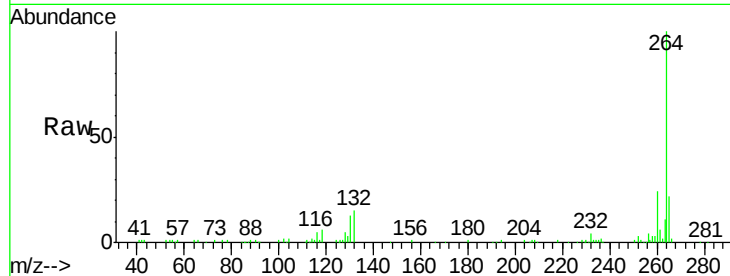
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampled :
HX2MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	22.1	17.2	25.8

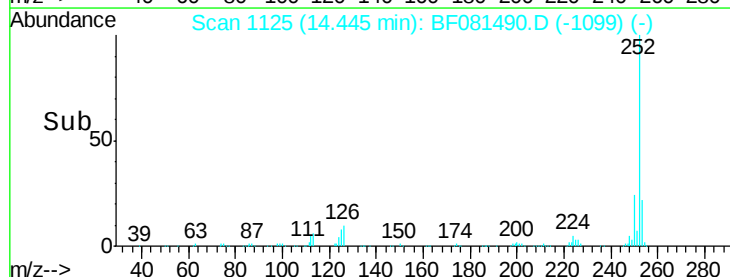
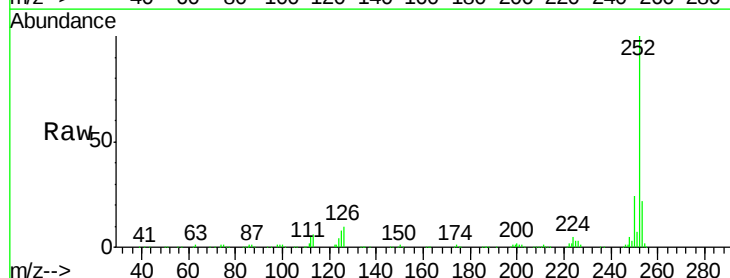
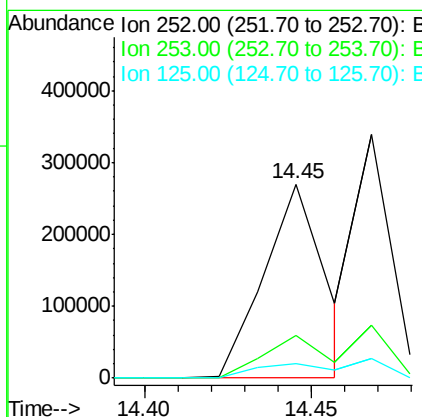
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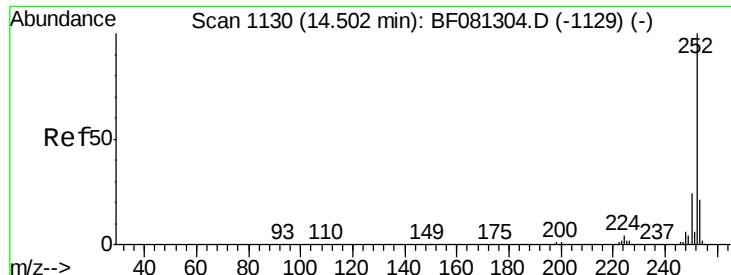
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#87
Benzo(b)fluoranthene
Concen: 45.56 ng m
RT: 14.45 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	7.6	17.1	25.7#





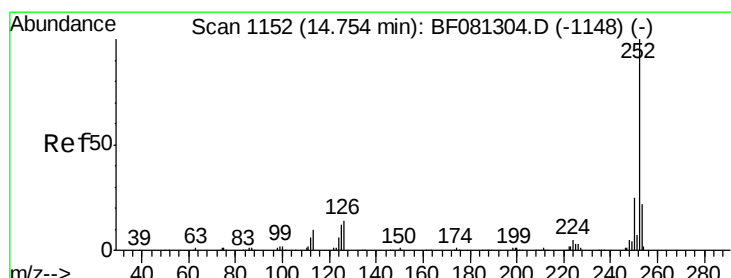
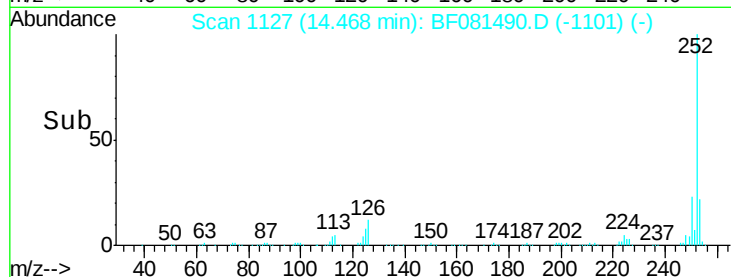
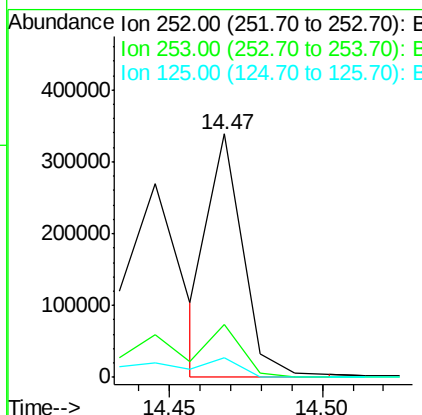
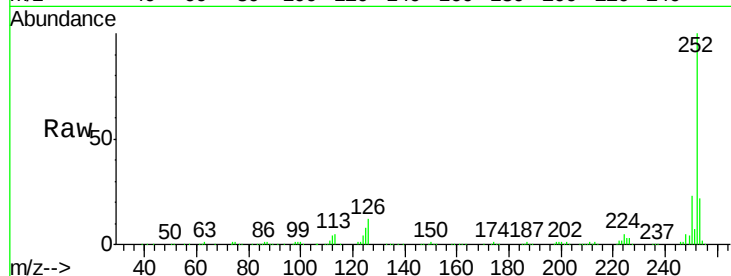
#88
Benzo(k)fluoranthene
Concen: 42.16 ng m
RT: 14.47 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	17.0	25.4
125	8.0	16.0	24.0

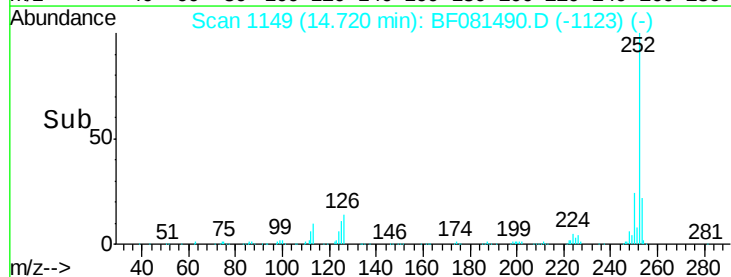
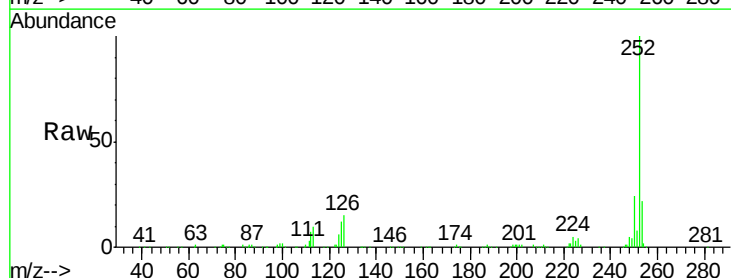
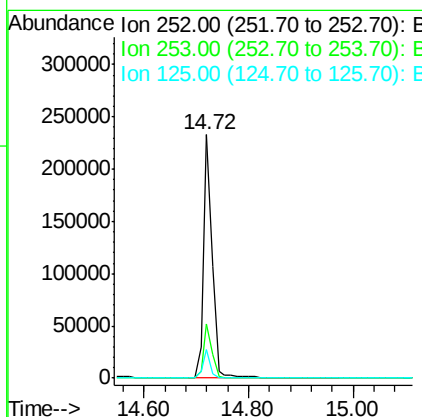
Manual Integrations
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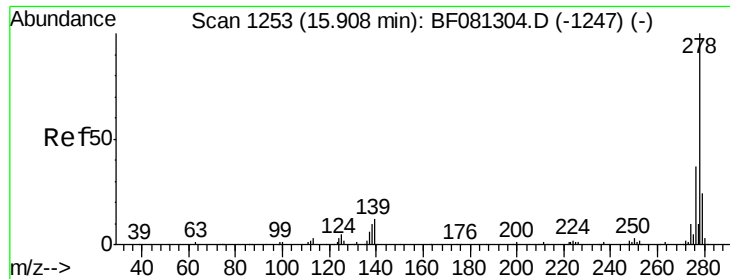
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#89
Benzo(a)pyrene
Concen: 42.88 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.2	25.8
125	11.8	18.0	27.0





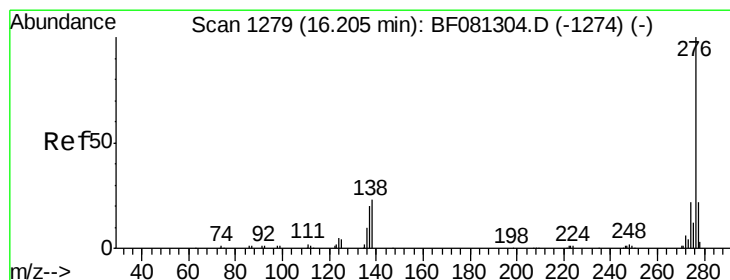
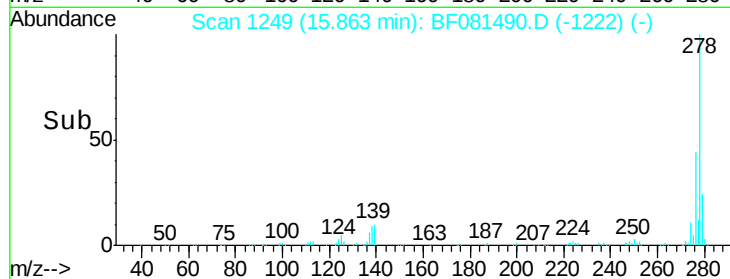
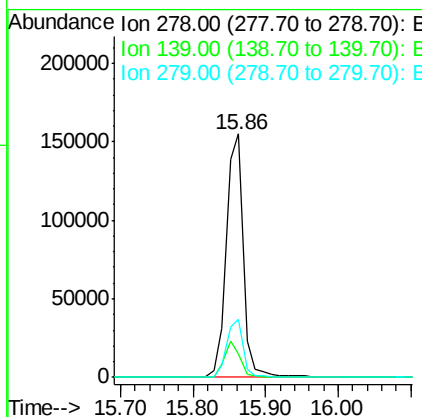
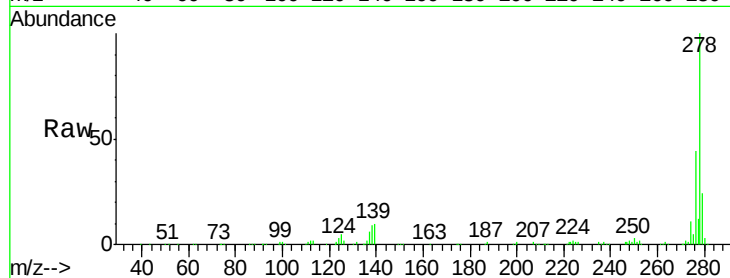
#90
Dibenzo(a,h)anthracene
Concen: 51.78 ng
RT: 15.86 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Instrument :
BNA_F
ClientSampleId :
HX2MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.6	26.3	39.5#
279	23.7	18.2	27.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 55.15 ng
RT: 16.16 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF081490.D
Acq: 6 Sep 2015 4:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	21.0	34.6	51.8#

