

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081348.D
 Acq On : 2 Sep 2015 14:58
 Operator : UM/IZ
 Sample : G3480-19MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Manual Integrations
 APPROVED

MMDadoda
 9/3/2015 1:43:47 PM

Quant Time: Sep 02 23:55:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	63347	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	242428	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	107755	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	212978	20.00	ng	0.00
75) Chrysene-d12	13.50	240	162508	20.00	ng	0.00
86) Perylene-d12	14.80	264	116229	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.94	112	317465	77.75	ng	0.01
7) Phenol-d6	6.06	99	501164	92.73	ng	0.00
23) Nitrobenzene-d5	6.97	82	309626	61.62	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	96785	100.88	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	504532	60.00	ng	0.00
78) Terphenyl-d14	12.47	244	434328	62.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.79	88	37035	20.20	ng	# 86
4) n-Nitrosodimethylamine	2.30	42	72099	25.67	ng	# 78
6) Aniline	6.06	93	20237	2.65	ng	# 1
8) 2-Chlorophenol	6.17	128	124352	27.64	ng	# 87
9) Benzaldehyde	5.92	77	22219	6.56	ng	# 71
10) Phenol	6.07	94	178837	28.53	ng	# 67
11) bis(2-Chloroethyl)ether	6.14	93	115980	25.65	ng	# 86
12) 1,3-Dichlorobenzene	6.32	146	116890	24.32	ng	# 86
13) 1,4-Dichlorobenzene	6.40	146	116270	23.76	ng	# 86
14) 1,2-Dichlorobenzene	6.56	146	118816	26.96	ng	# 92
15) Benzyl Alcohol	6.55	79	121772	27.47	ng	# 68
16) 2,2'-oxybis(1-Chloropropan	6.70	45	250688	28.92	ng	# 92
17) 2-Methylphenol	6.68	107	101967	28.40	ng	# 78
18) Hexachloroethane	6.90	117	49578	26.04	ng	# 83
19) n-Nitroso-di-n-propylamine	6.83	70	98408	26.75	ng	# 82
20) 3+4-Methylphenols	6.84	107	137031	28.31	ng	# 88
22) Acetophenone	6.81	105	184465	27.86	ng	# 73
24) Nitrobenzene	6.98	77	137586	26.37	ng	# 63
25) Isophorone	7.23	82	255635	27.35	ng	# 86
26) 2-Nitrophenol	7.30	139	61370	26.98	ng	# 36
27) 2,4-Dimethylphenol	7.37	122	107685	27.41	ng	# 84
28) bis(2-Chloroethoxy)methane	7.46	93	147538	27.33	ng	# 94
29) 2,4-Dichlorophenol	7.55	162	100229	29.42	ng	# 96
30) 1,2,4-Trichlorobenzene	7.62	180	96633	26.11	ng	# 97
31) Naphthalene	7.70	128	371859	28.76	ng	# 99
32) Benzoic acid	7.46	122	8277	5.34	ng	# 49
33) 4-Chloroaniline	7.76	127	42135	7.99	ng	# 74
34) Hexachlorobutadiene	7.83	225	62308	27.67	ng	# 98
35) Caprolactam	8.18	113	10980	10.51	ng	# 36
36) 4-Chloro-3-methylphenol	8.26	107	119208	31.27	ng	# 82
37) 2-Methylnaphthalene	8.39	142	218816	26.01	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	103014	30.23	ng	# 98
40) Hexachlorocyclopentadiene	8.55	237	90956	54.39	ng	# 96
42) 2,4,6-Trichlorophenol	8.67	196	64875	27.58	ng	# 96

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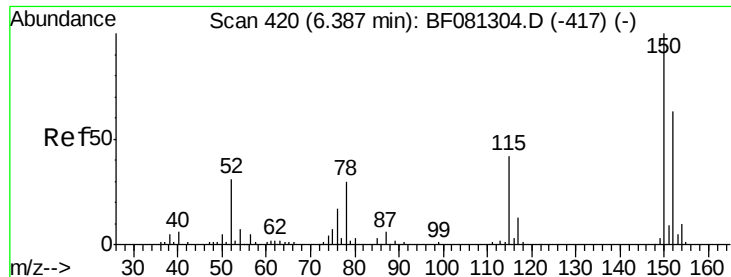
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.72	196	69117	28.81	ng	# 93
45) 1,1'-Biphenyl	8.86	154	293708	29.63	ng	97
46) 2-Chloronaphthalene	8.87	162	192201	26.85	ng	# 85
47) 2-Nitroaniline	8.98	65	95191	32.62	ng	# 72
48) Acenaphthylene	9.28	152	342880	27.00	ng	97
49) Dimethylphthalate	9.18	163	335285	40.05	ng	# 97
50) 2,6-Dinitrotoluene	9.23	165	50979	26.83	ng	94
51) Acenaphthene	9.45	154	199186	27.57	ng	89
52) 3-Nitroaniline	9.39	138	49947	23.09	ng	# 82
53) 2,4-Dinitrophenol	9.50	184	24734	30.90	ng	# 15
54) Dibenzofuran	9.62	168	310179	29.40	ng	# 85
55) 4-Nitrophenol	9.58	139	89076	65.54	ng	# 21
56) 2,4-Dinitrotoluene	9.62	165	65067	26.89	ng	# 2
57) Fluorene	9.96	166	245532	30.67	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.75	232	56588	30.89	ng	# 90
59) Diethylphthalate	9.86	149	252638	28.69	ng	93
60) 4-Chlorophenyl-phenylether	9.96	204	116081	31.11	ng	# 85
61) 4-Nitroaniline	10.00	138	63300	28.96	ng	# 39
62) Azobenzene	10.12	77	308334	31.49	ng	91
64) 4,6-Dinitro-2-methylphenol	10.03	198	25775	21.64	ng	# 74
65) n-Nitrosodiphenylamine	10.09	169	221112	28.53	ng	91
66) 4-Bromophenyl-phenylether	10.44	248	60005	27.86	ng	# 82
67) Hexachlorobenzene	10.50	284	64724	28.75	ng	# 90
68) Atrazine	10.63	200	48403	21.58	ng	84
69) Pentachlorophenol	10.71	266	60351	57.78	ng	98
70) Phenanthrene	10.90	178	328187	27.72	ng	98
71) Anthracene	10.96	178	355720	29.24	ng	98
72) Carbazole	11.12	167	302779	26.52	ng	95
73) Di-n-butylphthalate	11.47	149	369984	27.45	ng	# 98
74) Fluoranthene	12.08	202	334218	26.07	ng	93
77) Pyrene	12.30	202	361666	30.04	ng	98
79) Butylbenzylphthalate	12.95	149	149371	28.53	ng	# 69
80) Benzo(a)anthracene	13.49	228	278781	26.94	ng	97
81) 3,3'-Dichlorobenzidine	13.46	252	57655	16.52	ng	# 92
82) Chrysene	13.52	228	273709	29.50	ng	96
83) Bis(2-ethylhexyl)phthalate	13.52	149	208768	30.22	ng	# 90
84) Di-n-octyl phthalate	14.13	149	331888	29.17	ng	95
85) Indeno(1,2,3-cd)pyrene	15.89	276	171261	25.16	ng	# 87
87) Benzo(b)fluoranthene	14.47	252	199184m	24.00	ng	
88) Benzo(k)fluoranthene	14.49	252	198543m	28.84	ng	
89) Benzo(a)pyrene	14.75	252	198829	28.28	ng	# 84
90) Dibenzo(a,h)anthracene	15.90	278	145725	26.82	ng	# 80
91) Benzo(g,h,i)perylene	16.21	276	138881	26.78	ng	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

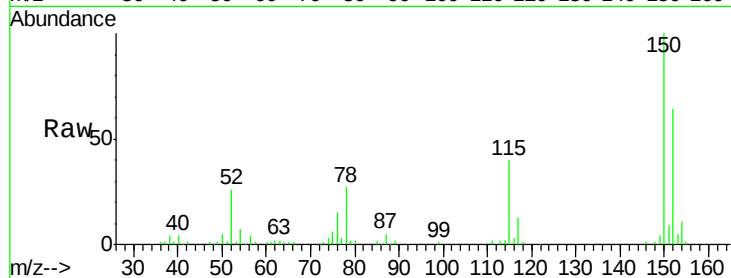
ClientSampleId :

COFF-2-20(0-2)MS

Manual Integrations
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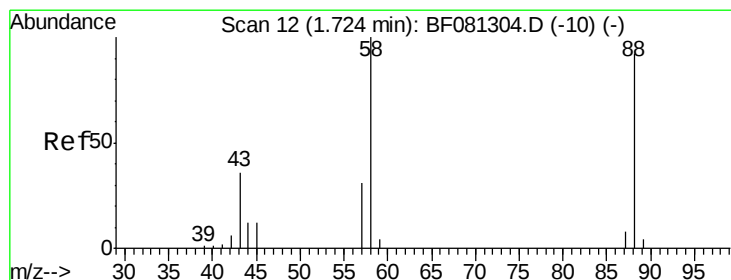
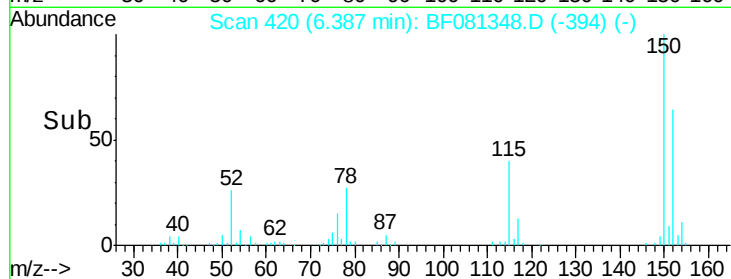
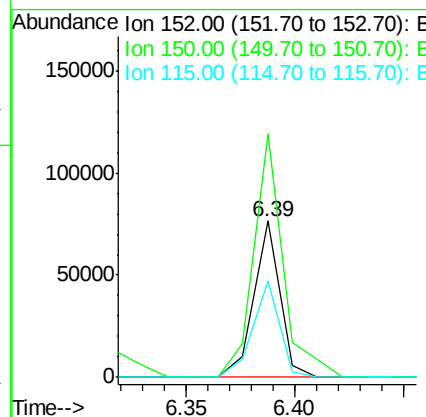
Tgt Ion: 152 Resp: 63347

Ion Ratio Lower Upper

152 100

150 156.0 124.7 187.1

115 62.0 39.0 58.4#



#2

1,4-Dioxane

Concen: 20.20 ng

RT: 1.79 min Scan# 18

Delta R.T. 0.07 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

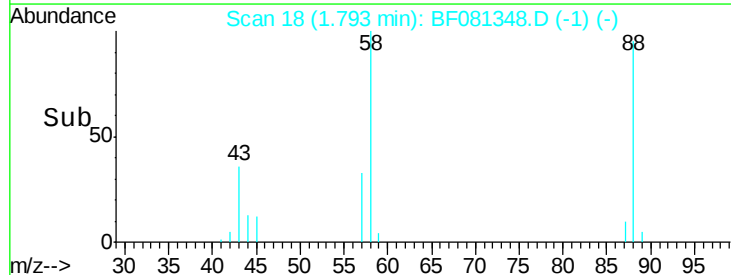
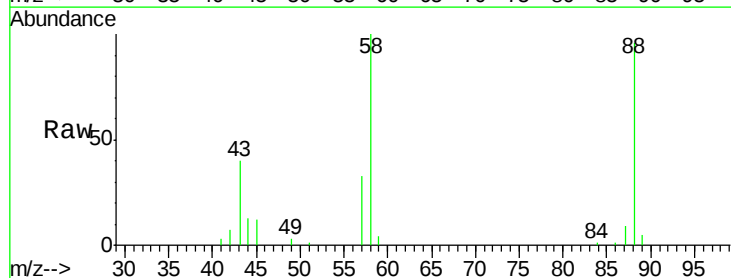
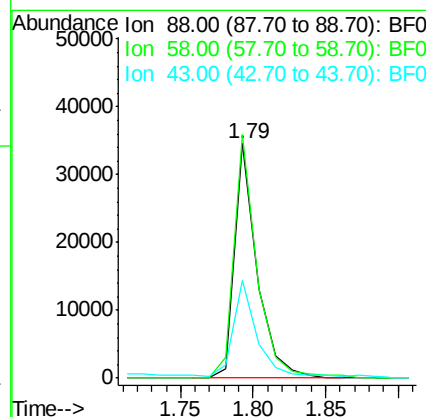
Tgt Ion: 88 Resp: 37035

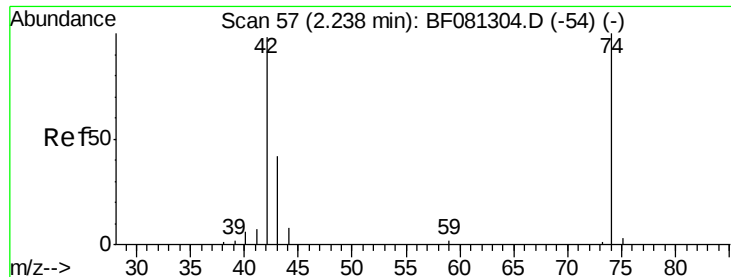
Ion Ratio Lower Upper

88 100

58 106.6 77.7 116.5

43 47.9 26.6 40.0#





#4

n-Nitrosodimethylamine

Concen: 25.67 ng

RT: 2.30 min Scan# 62

Delta R.T. 0.06 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

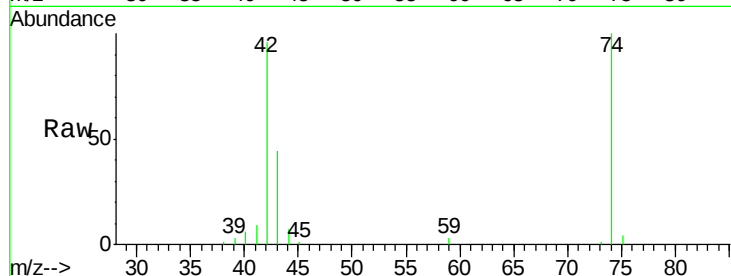
ClientSampleId :

COFF-2-20(0-2)MS

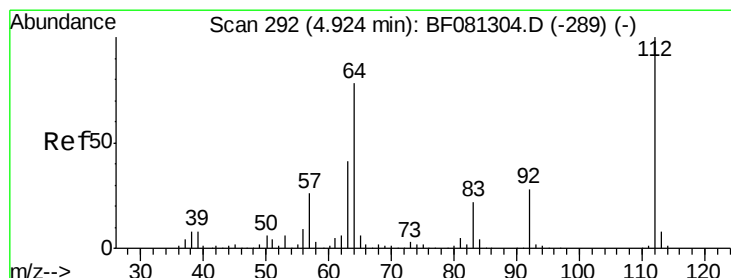
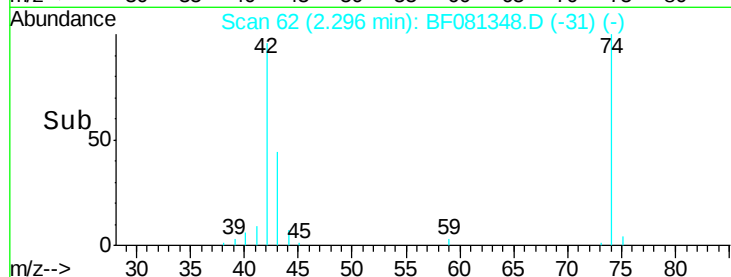
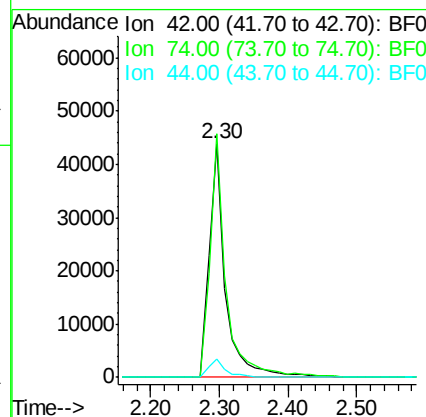
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Tgt Ion:	42	Resp:	72099
Ion	Ratio	Lower	Upper
42	100		
74	104.1	105.0	157.6#
44	7.7	6.6	10.0



#5

2-Fluorophenol

Concen: 77.75 ng

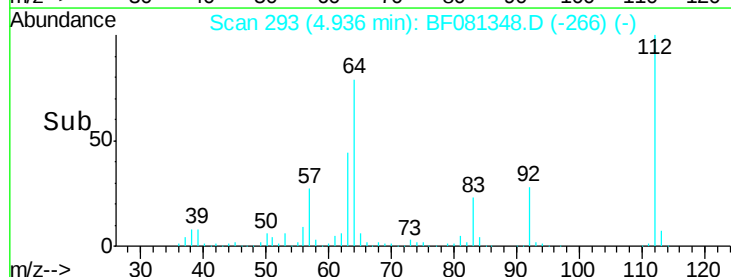
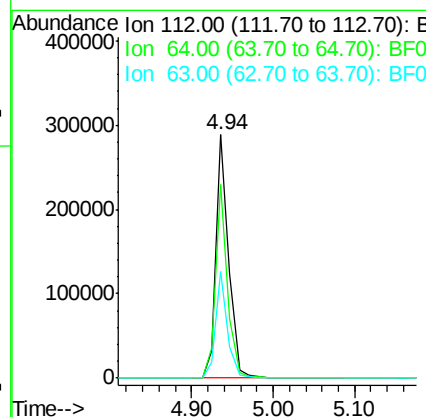
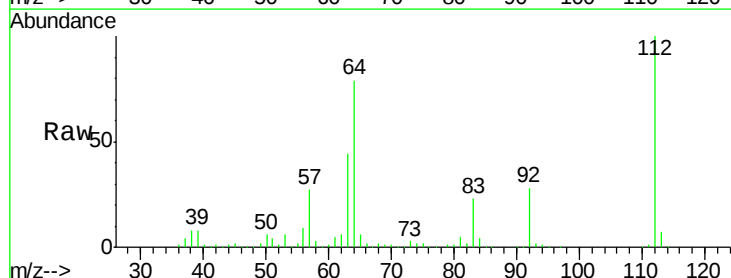
RT: 4.94 min Scan# 293

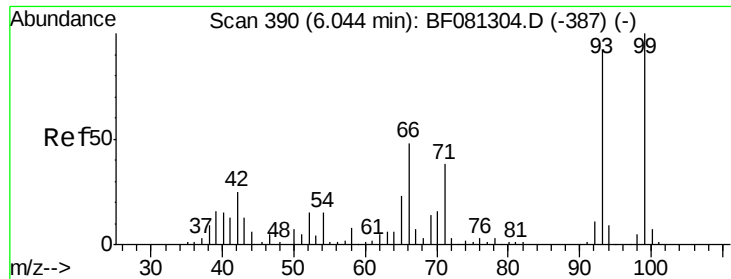
Delta R.T. 0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion:	112	Resp:	317465
Ion	Ratio	Lower	Upper
112	100		
64	79.4	39.7	59.5#
63	43.6	17.4	26.0#





#6

Aniline

Concen: 2.65 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS

Tgt Ion: 93 Resp: 20237

Ion Ratio Lower Upper

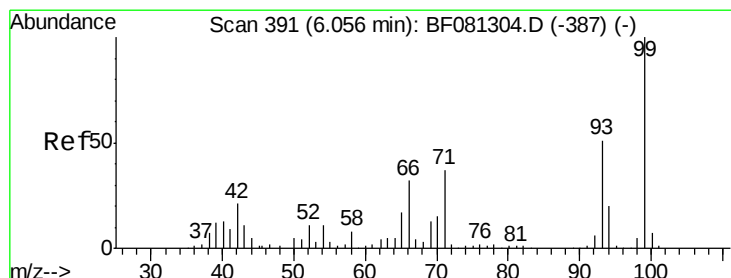
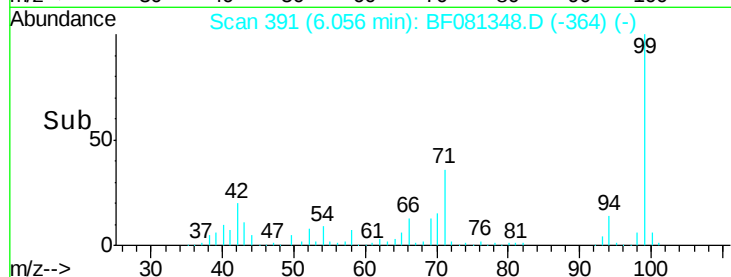
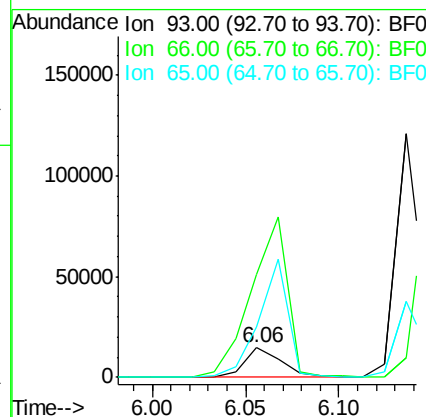
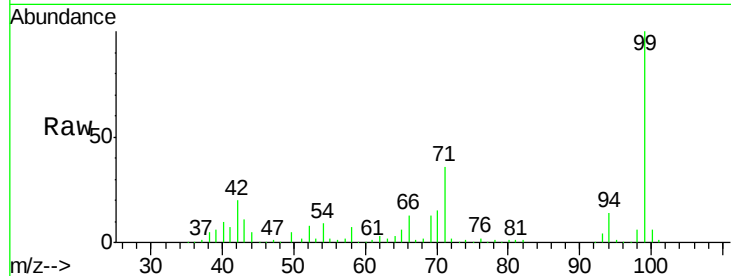
93 100

66 349.7 27.2 40.8#

65 173.7 14.7 22.1#

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#7

Phenol-d6

Concen: 92.73 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

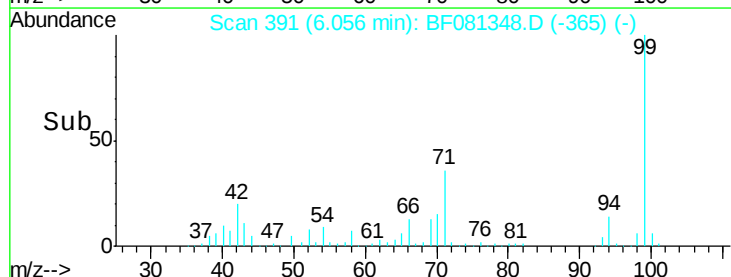
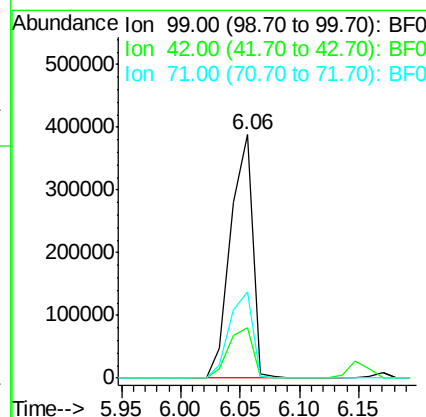
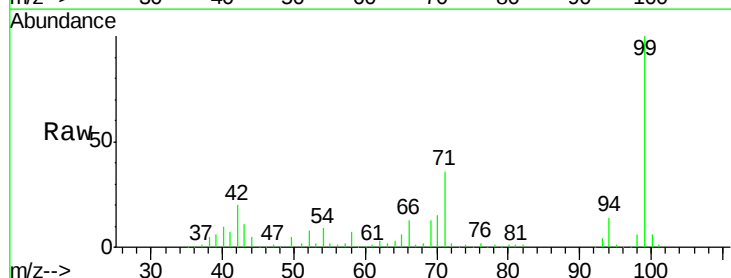
Tgt Ion: 99 Resp: 501164

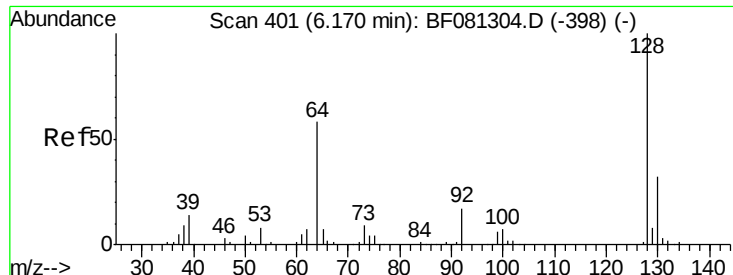
Ion Ratio Lower Upper

99 100

42 20.5 13.7 20.5

71 35.7 14.2 21.2#





#8

2-Chlorophenol

Concen: 27.64 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

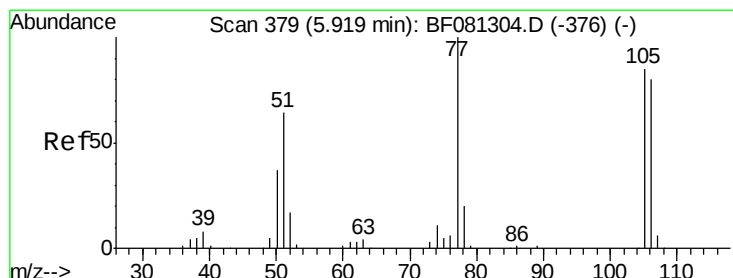
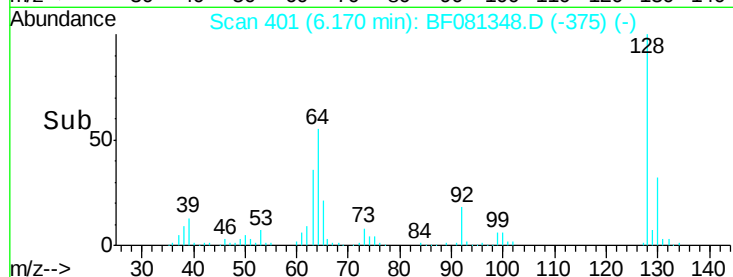
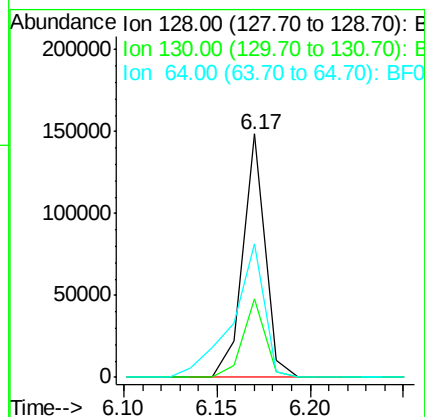
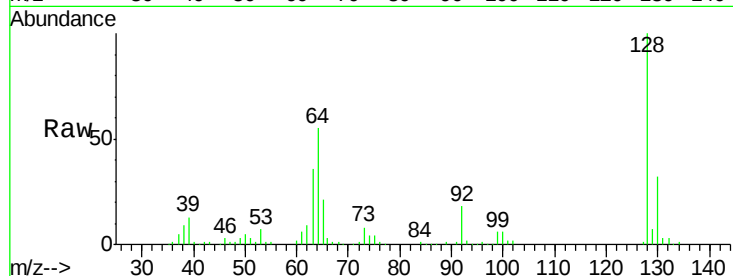
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Tgt Ion:	128	Resp:	124352
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.2	52.2
64	55.0	20.5	60.5



#9

Benzaldehyde

Concen: 6.56 ng

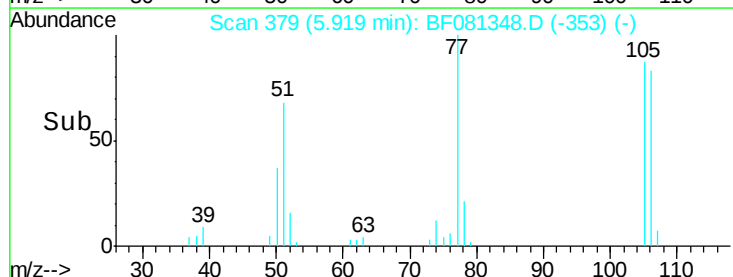
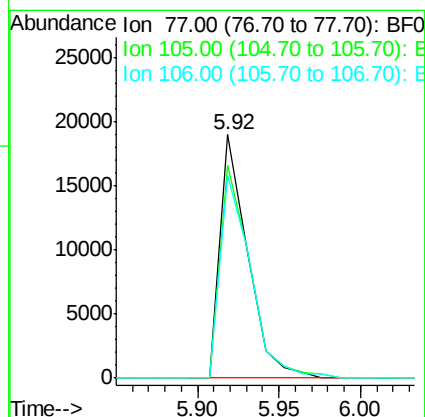
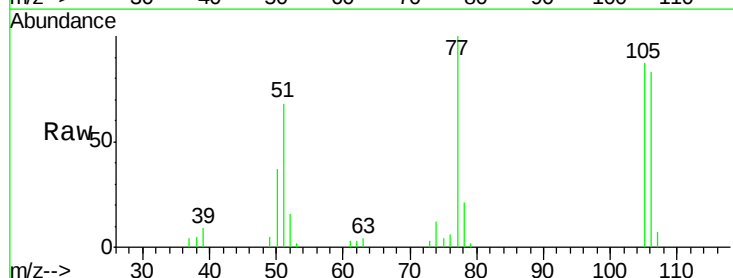
RT: 5.92 min Scan# 379

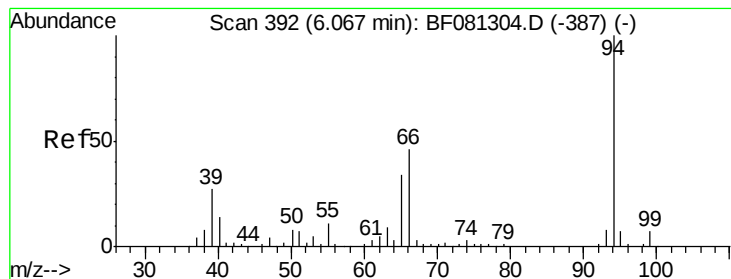
Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion:	77	Resp:	22219
Ion Ratio	Lower	Upper	
77	100		
105	87.3	91.6	131.6#
106	83.2	102.6	142.6#





#10

Phenol

Concen: 28.53 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081348.D

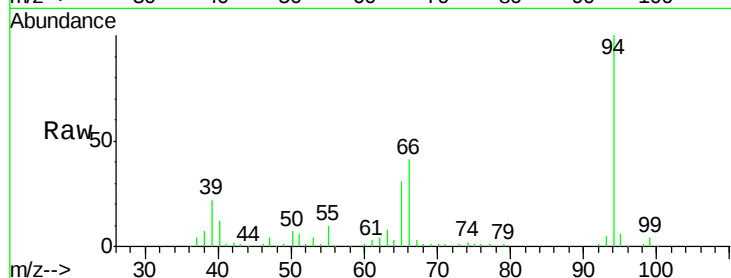
Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS



Tgt Ion: 94 Resp: 178837

Ion Ratio Lower Upper

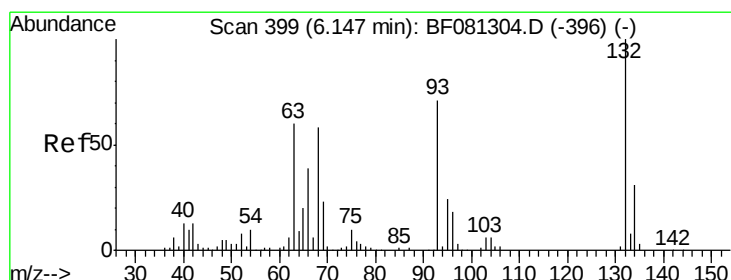
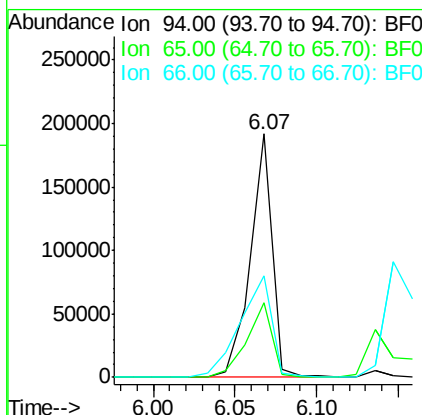
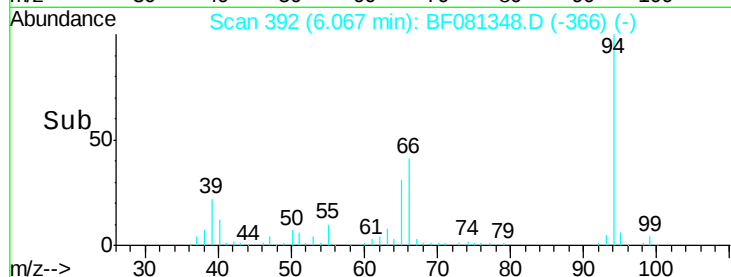
94 100

65 30.7 0.7 40.7

66 41.5 0.8 40.8#

Manual Integrations
APPROVED

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9/3/2015 1:43:47 PM



#11

bis(2-Chloroethyl)ether

Concen: 25.65 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

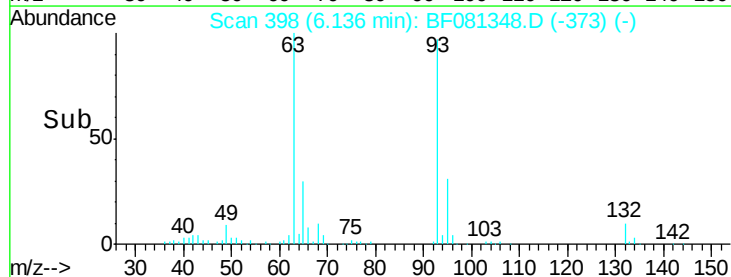
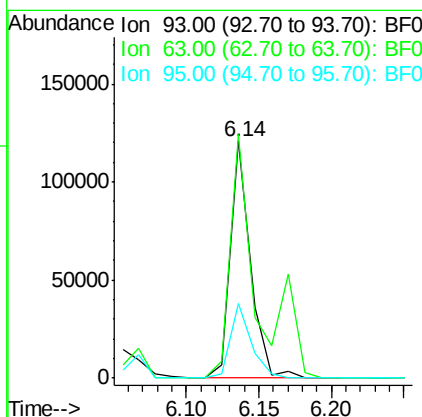
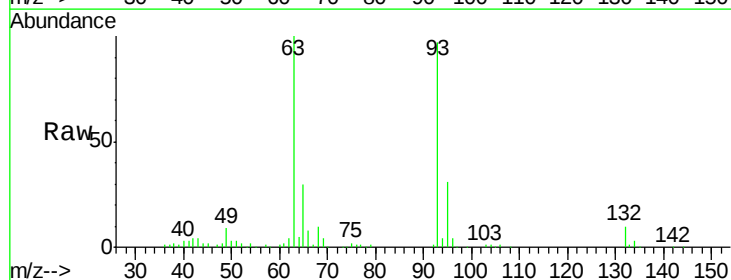
Tgt Ion: 93 Resp: 115980

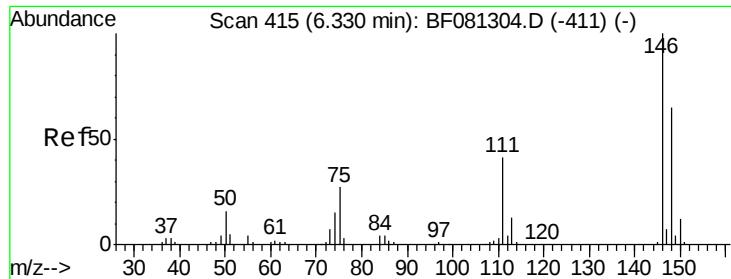
Ion Ratio Lower Upper

93 100

63 102.7 65.6 105.6

95 31.7 13.6 53.6





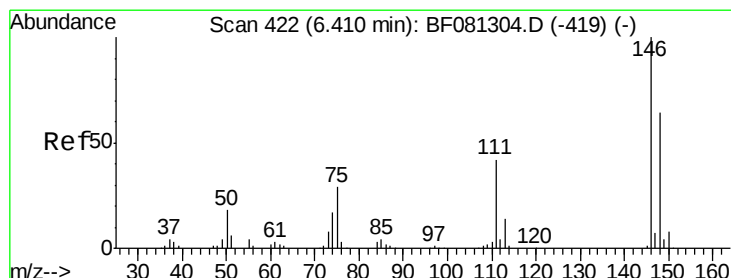
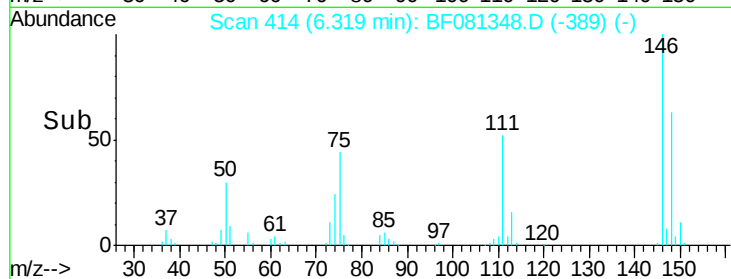
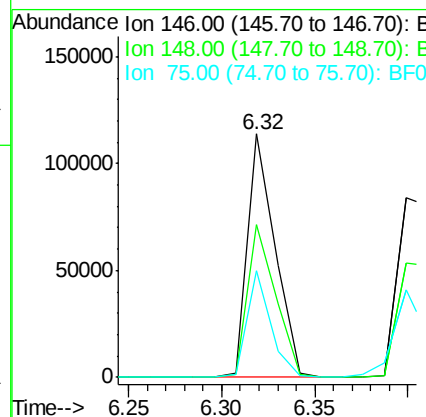
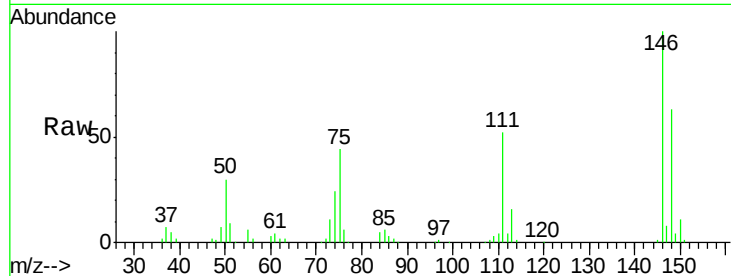
#12
 1,3-Dichlorobenzene
 Concen: 24.32 ng
 RT: 6.32 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116890		
148	62.8	51.0	76.4	
75	43.8	15.0	22.6	

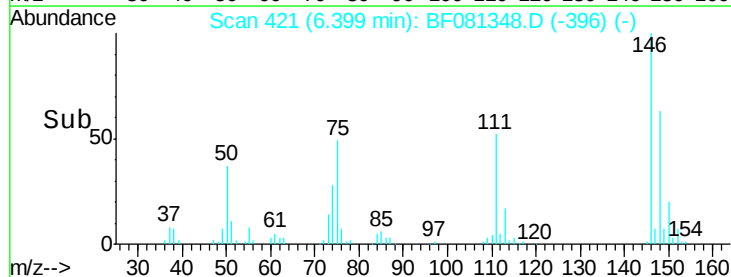
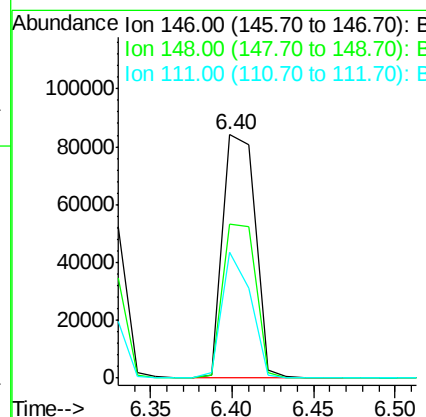
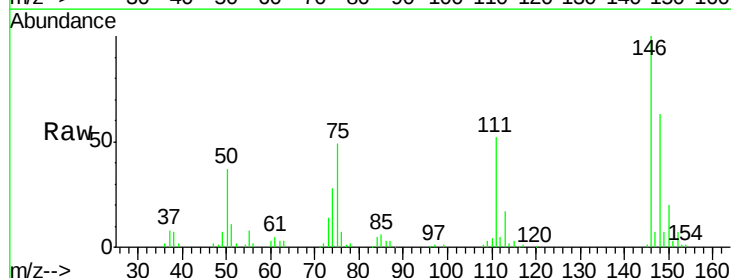
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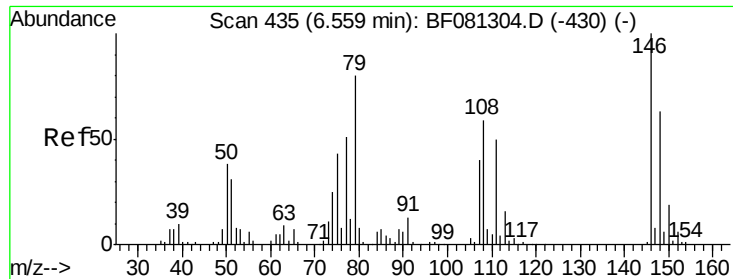
MMDadoda
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#13
 1,4-Dichlorobenzene
 Concen: 23.76 ng
 RT: 6.40 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116270		
148	63.2	51.8	77.6	
111	51.9	24.9	37.3	





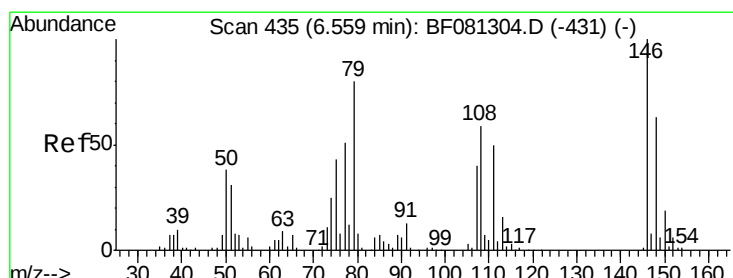
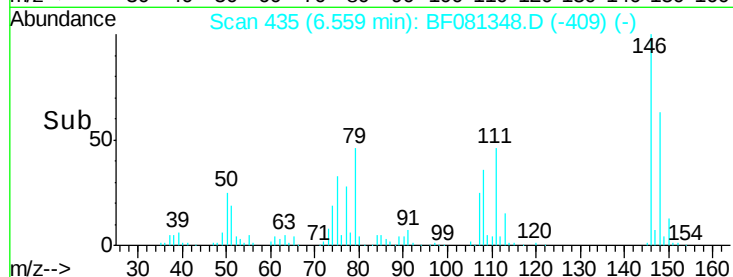
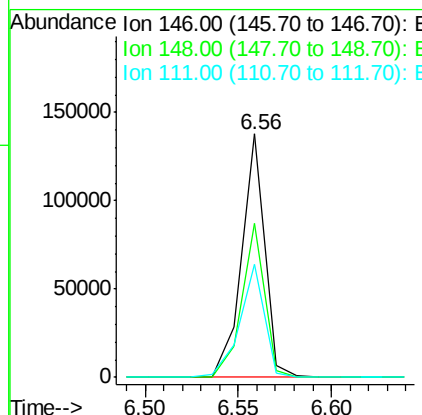
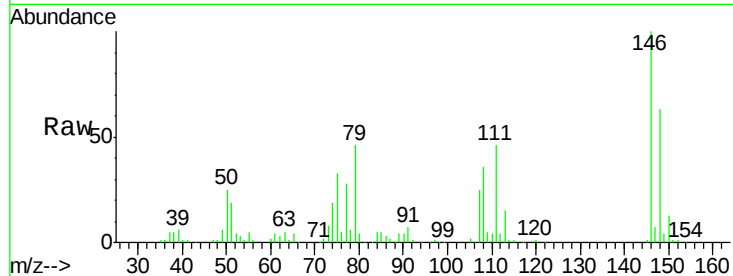
#14
1,2-Dichlorobenzene
Concen: 26.96 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	118816		
148	63.3	52.7	79.1	
111	46.3	28.8	43.2	

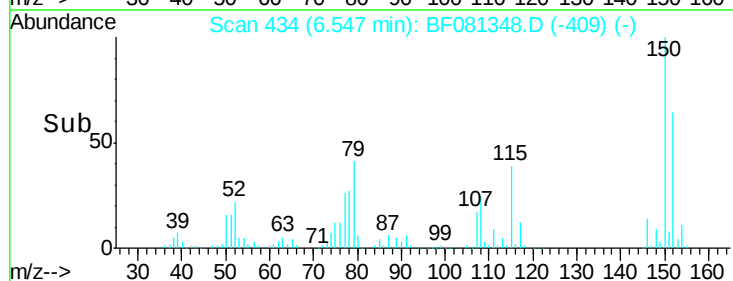
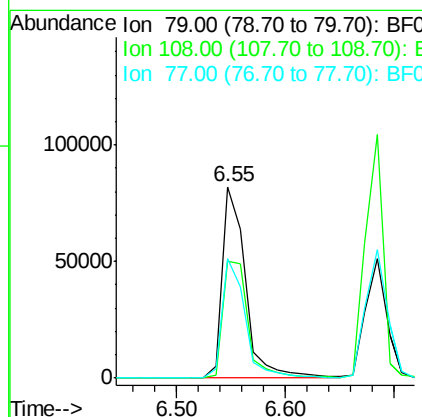
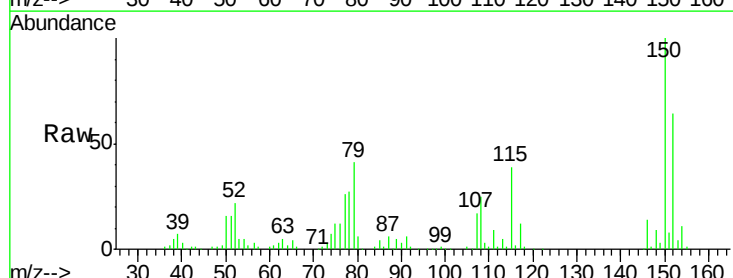
Manual Integrations
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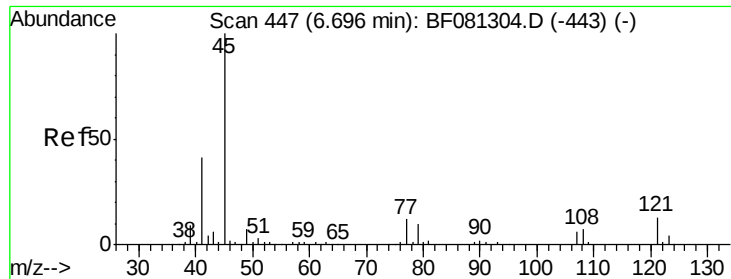
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#15
Benzyl Alcohol
Concen: 27.47 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	121772		
108	61.2	88.6	132.8	
77	62.1	47.0	70.4	





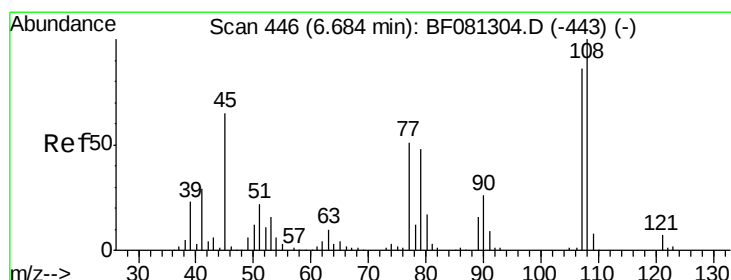
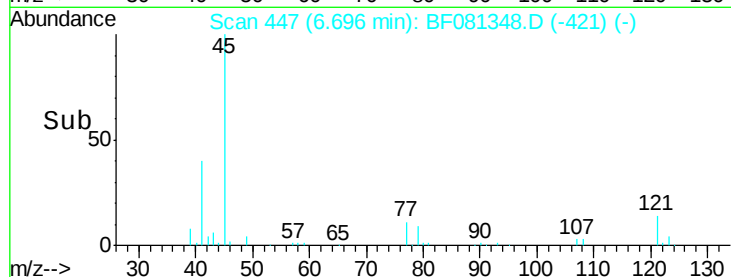
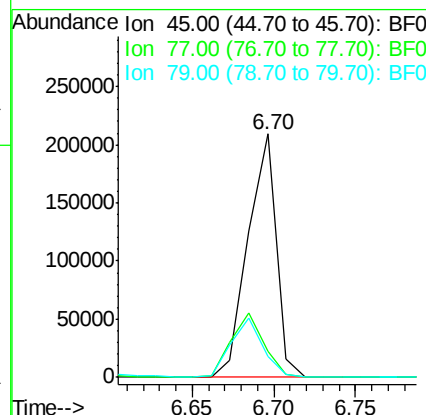
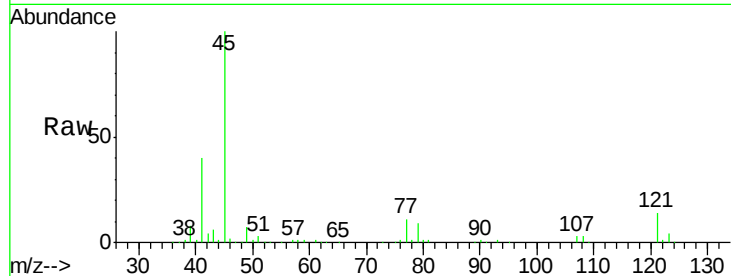
#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.92 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	10.9	0.0	28.1
79	8.7	0.0	26.0

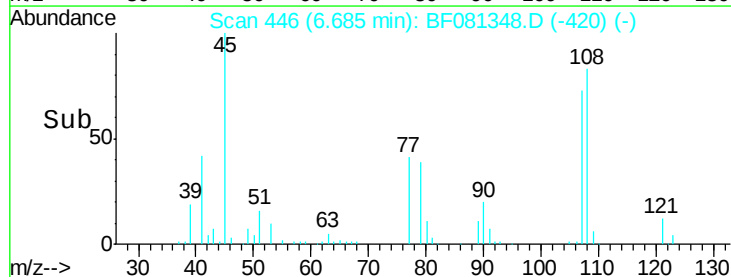
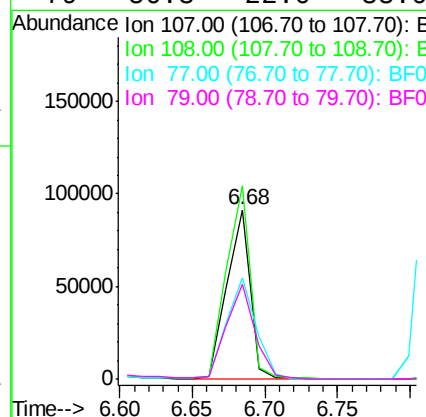
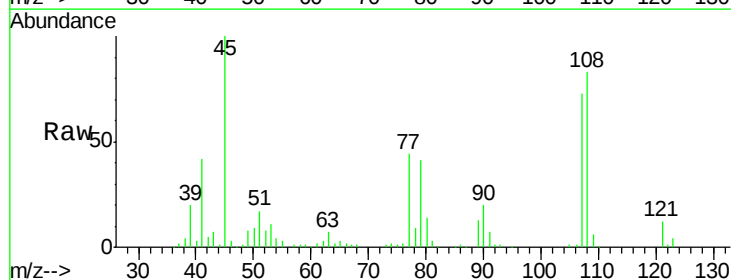
Manual Integrations
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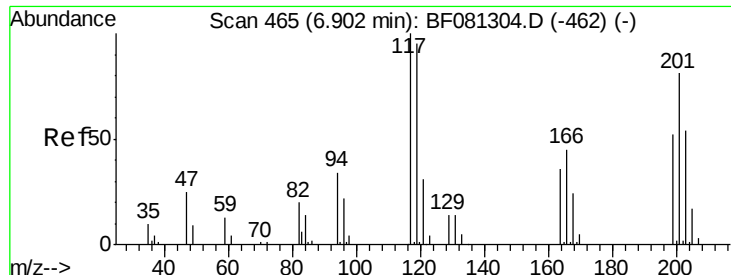
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#17
2-Methylphenol
Concen: 28.40 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

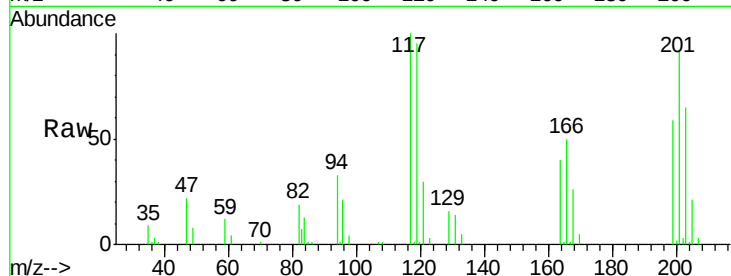
Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	114.3	96.6	145.0
77	60.0	23.3	34.9#
79	56.3	22.0	33.0#





#18
Hexachloroethane
Concen: 26.04 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

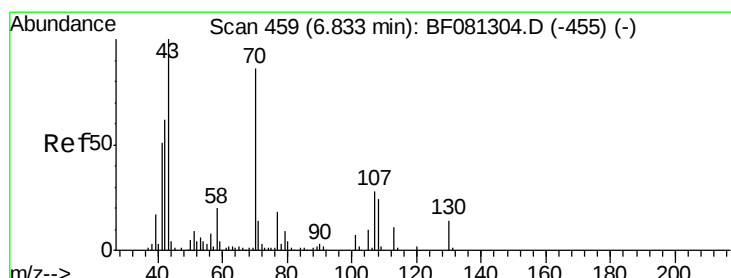
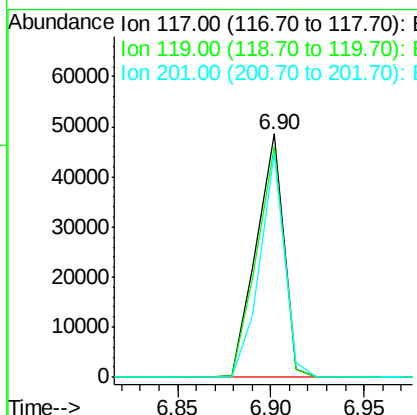
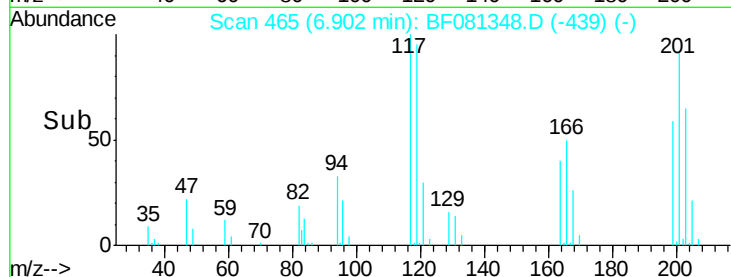
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS



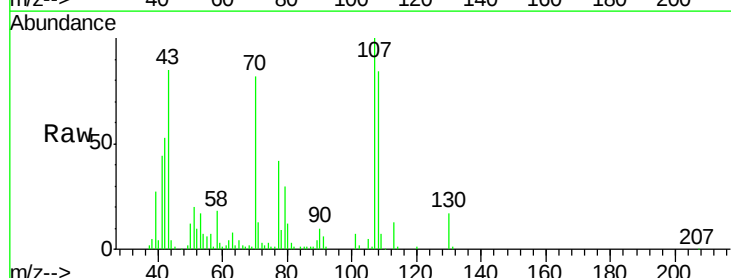
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	83.8	125.6
201	92.0	55.1	82.7#

Manual Integrations
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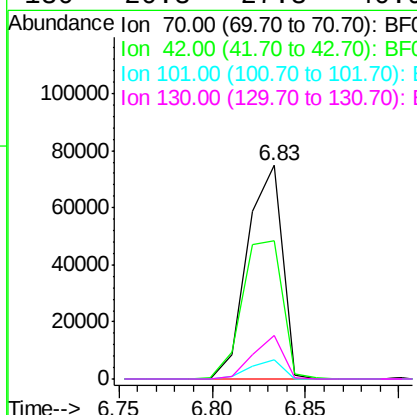
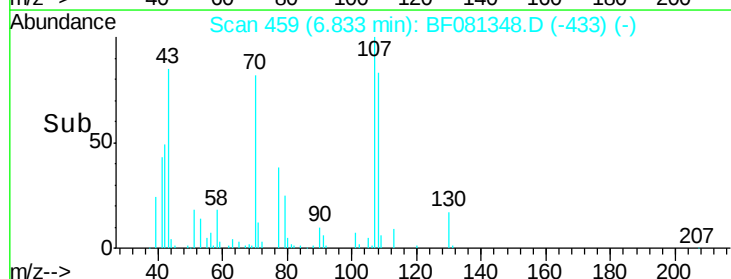
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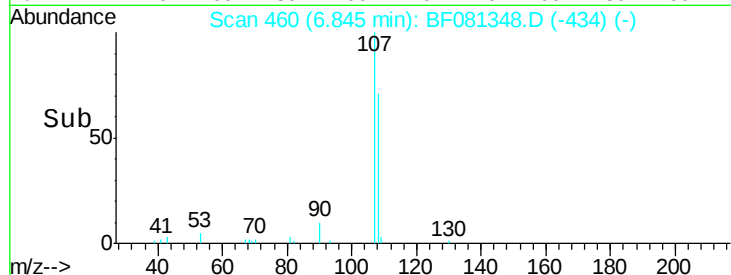
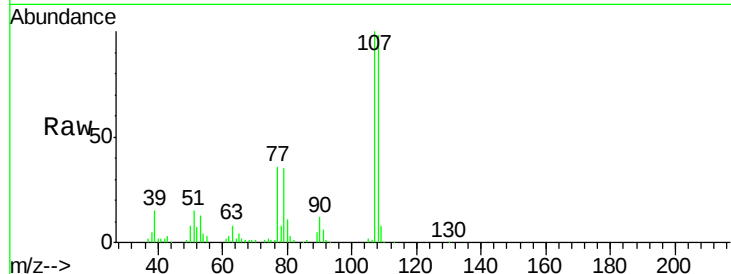
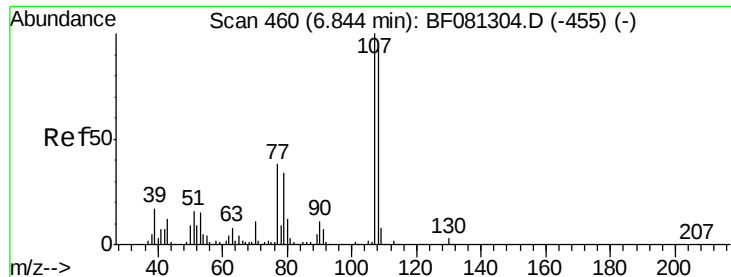


#19
n-Nitroso-di-n-propylamine
Concen: 26.75 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58



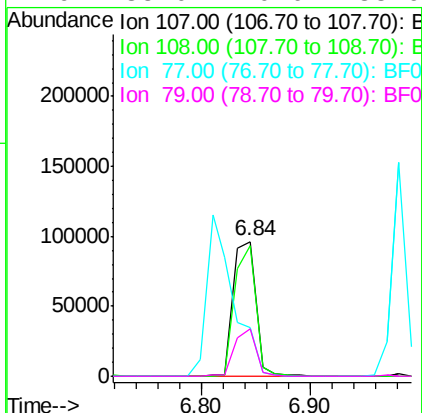
Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.0	63.8	95.6
101	9.1	9.2	13.8#
130	20.3	27.3	40.9#





#20
3+4-Methylphenols
Concen: 28.31 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

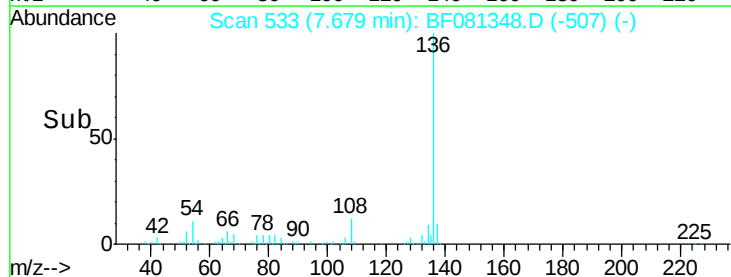
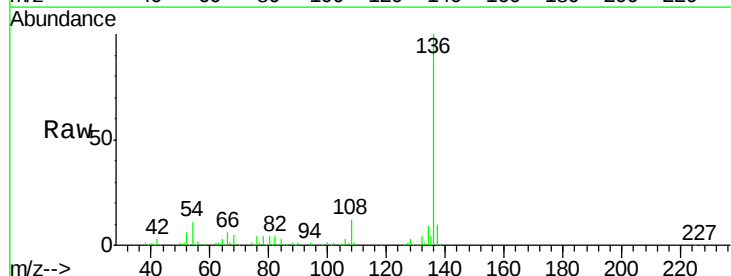
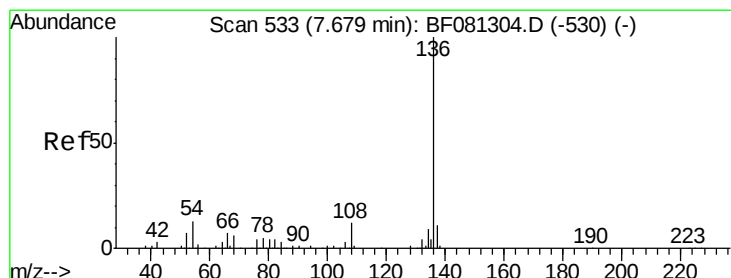
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	137031		
108	97.5	74.6	114.6	
77	36.5	0.7	40.7	
79	35.0	0.0	38.9	



Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

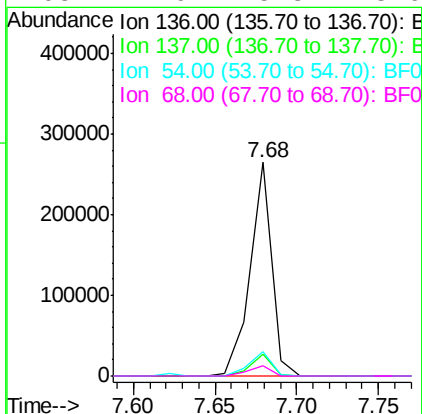
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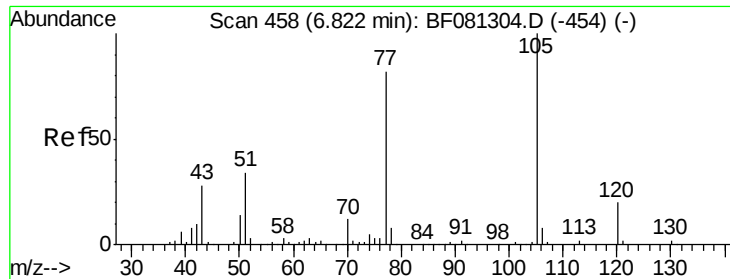
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	242428		
137	10.5	9.0	13.6	
54	11.3	8.2	12.2	
68	4.9	5.8	8.6#	





#22

Acetophenone

Concen: 27.86 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081348.D

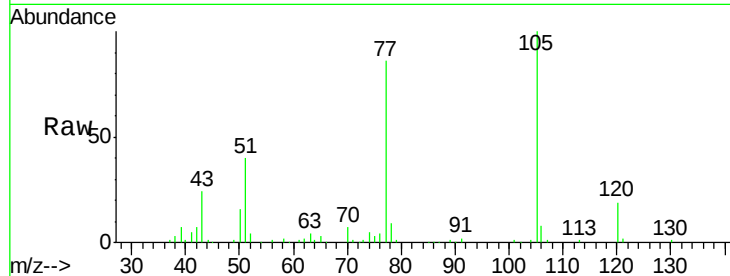
Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS



Tgt Ion: 105 Resp: 184465

Ion Ratio Lower Upper

105 100

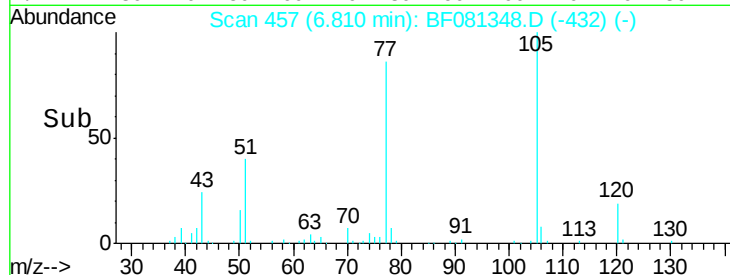
71 1.2 4.7 7.1#

51 39.6 22.0 33.0#

120 18.6 30.1 45.1#

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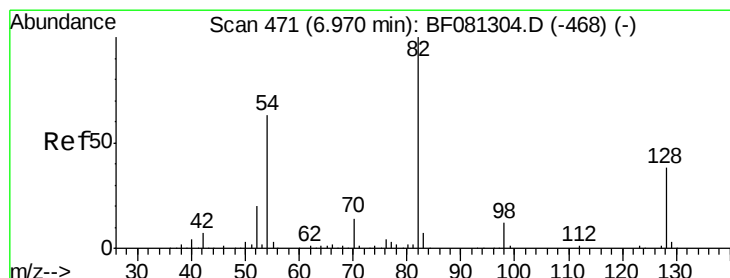
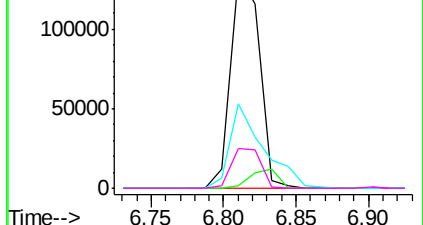


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 61.62 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

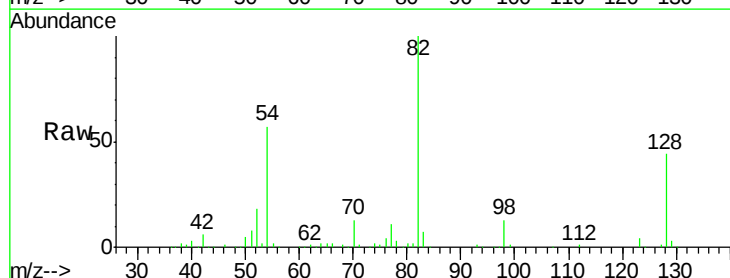
Tgt Ion: 82 Resp: 309626

Ion Ratio Lower Upper

82 100

128 44.4 51.0 76.6#

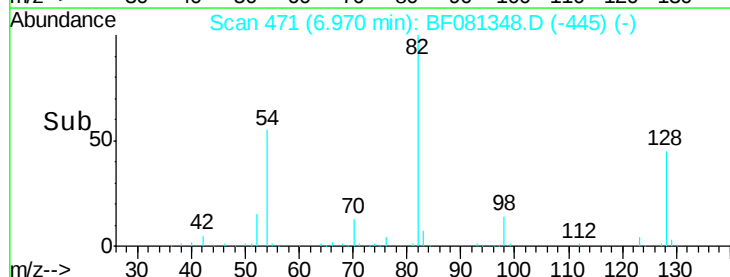
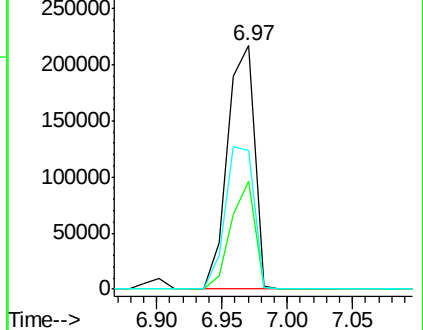
54 57.1 47.5 71.3

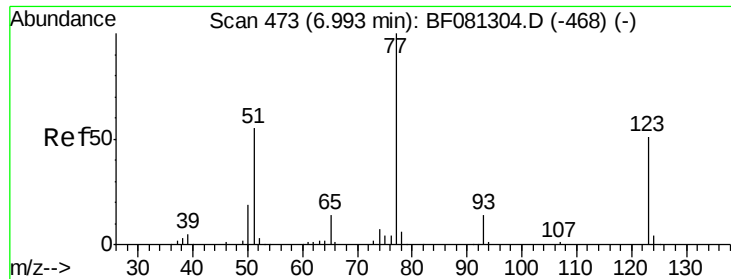


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 26.37 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF081348.D

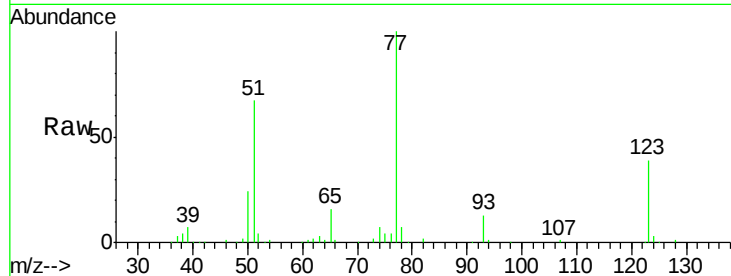
Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS



Tgt Ion: 77 Resp: 137586

Ion Ratio Lower Upper

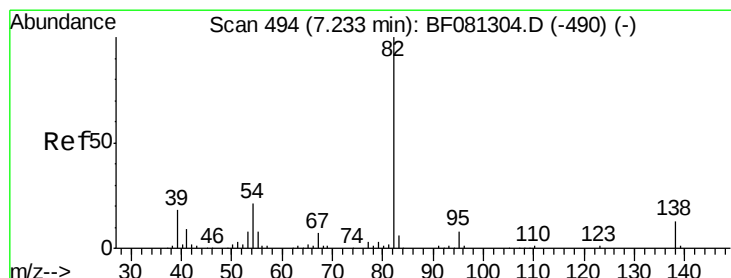
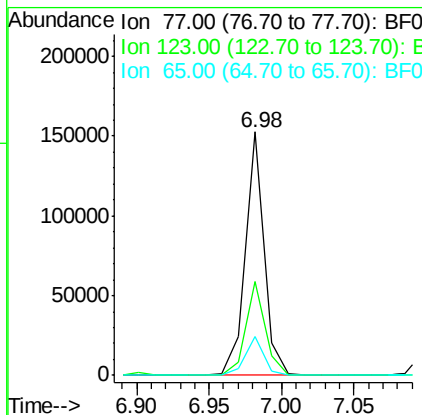
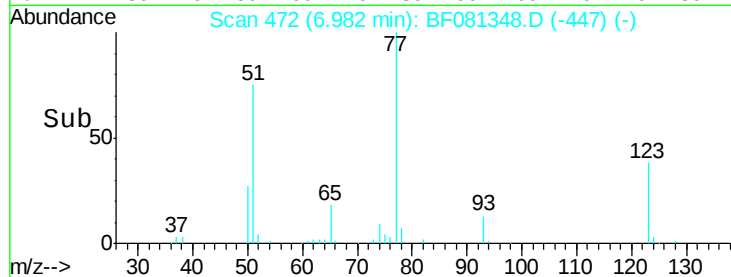
77 100

123 38.6 59.8 89.8#

65 15.8 10.2 15.4#

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#25

Isophorone

Concen: 27.35 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

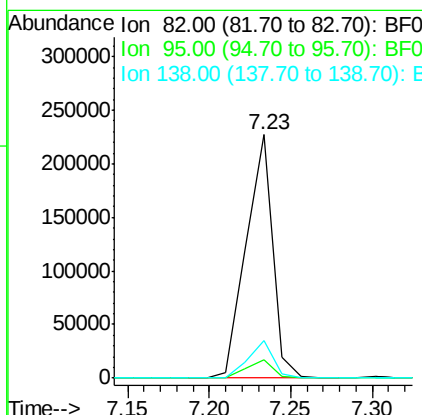
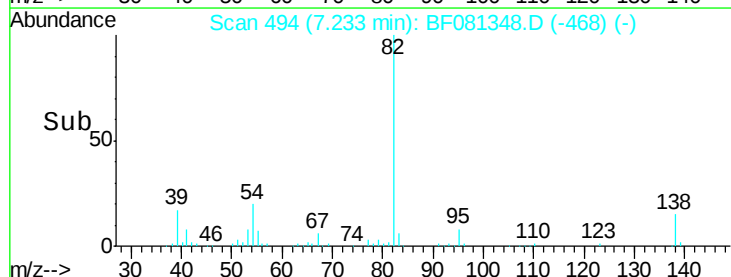
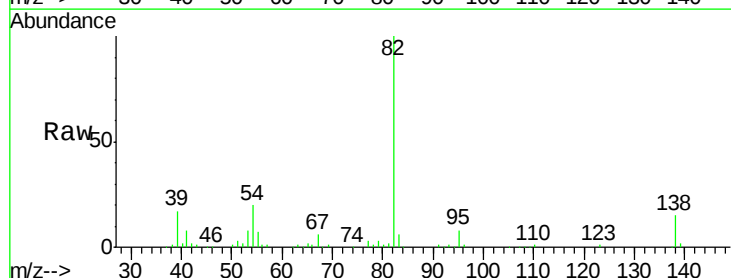
Tgt Ion: 82 Resp: 255635

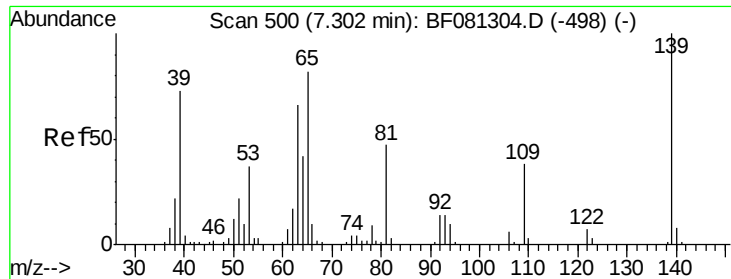
Ion Ratio Lower Upper

82 100

95 7.5 4.0 6.0#

138 15.4 18.3 27.5#





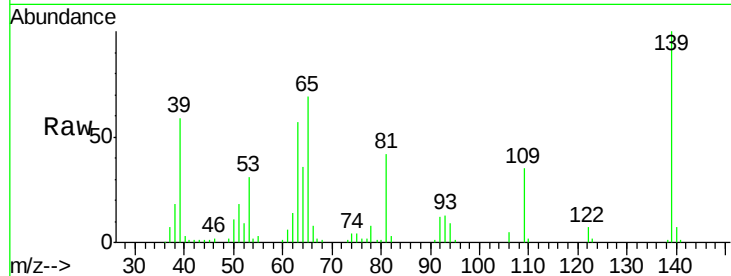
#26
 2-Nitrophenol
 Concen: 26.98 ng
 RT: 7.30 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

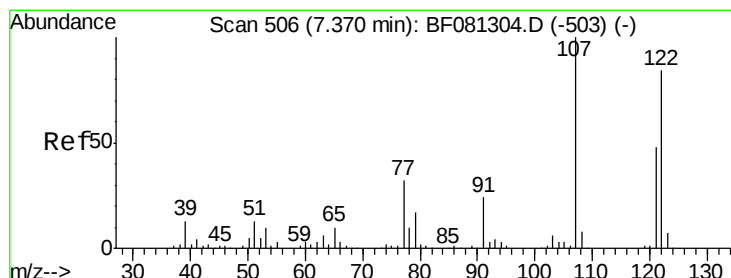
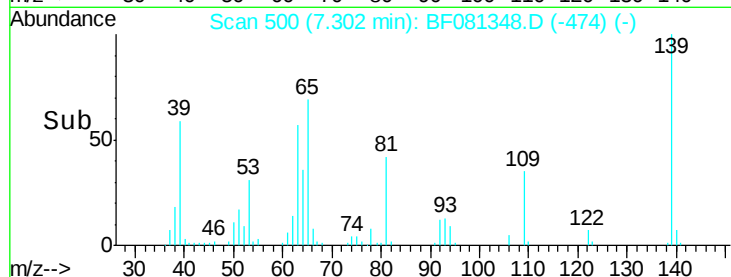
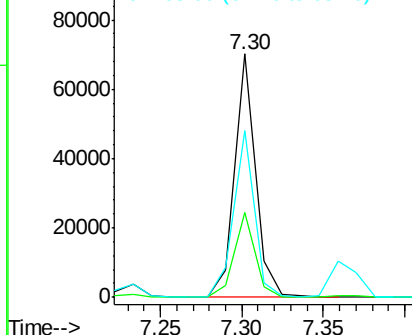
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	61370		
109	35.0	11.0	16.4#	
65	68.7	24.7	37.1#	

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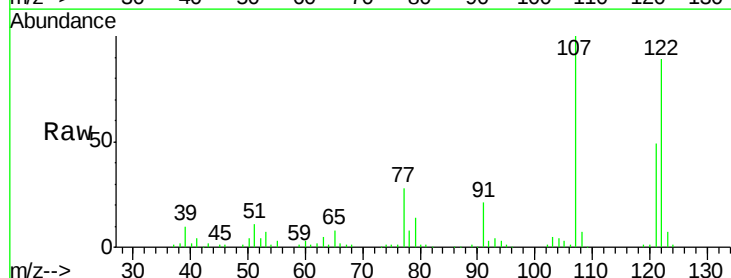


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BFO

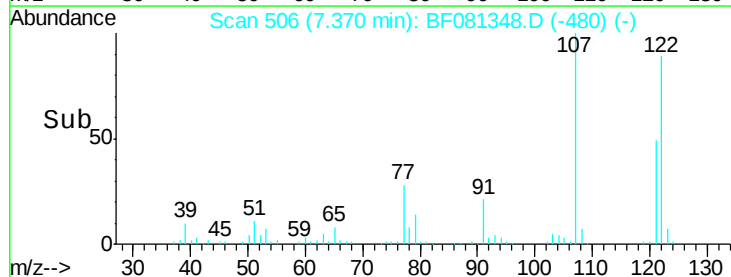
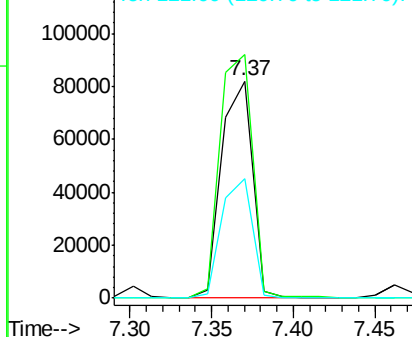


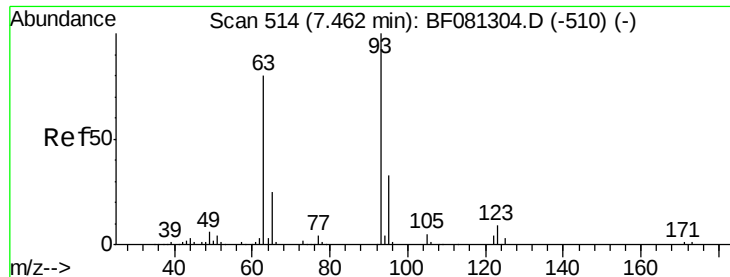
#27
 2,4-Dimethylphenol
 Concen: 27.41 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107685		
107	112.1	71.8	107.6#	
121	55.1	42.3	63.5	



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





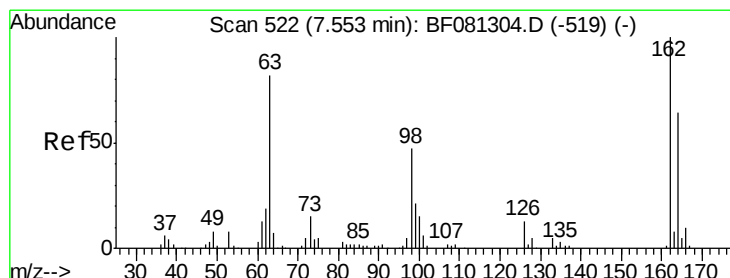
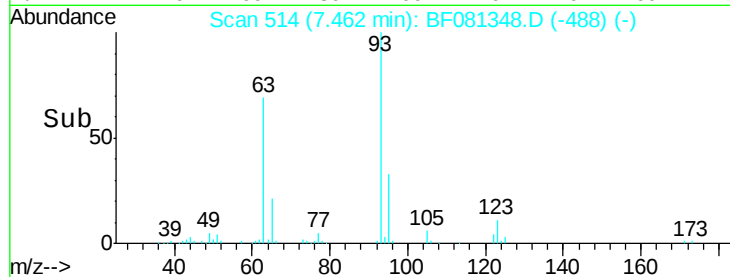
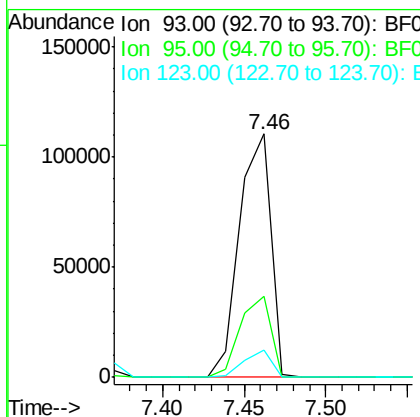
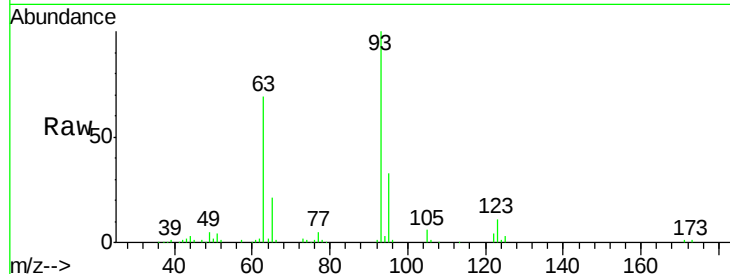
#28
 bis(2-Chloroethoxy)methane
 Concen: 27.33 ng
 RT: 7.46 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	33.3	27.5	41.3
123	11.1	13.7	20.5

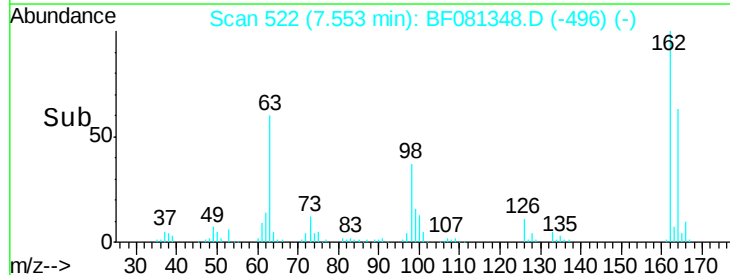
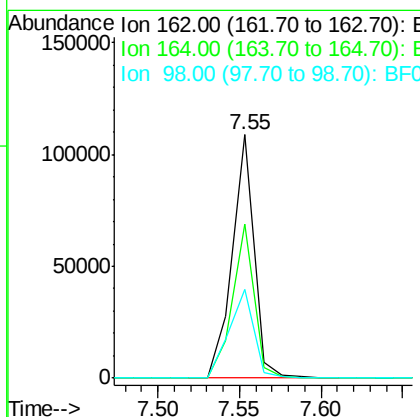
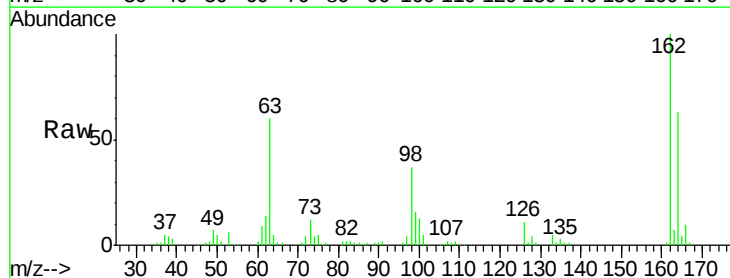
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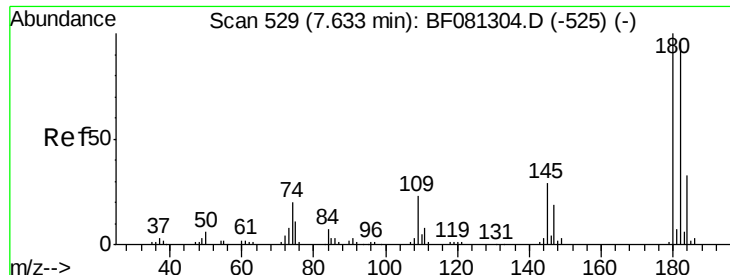
MMDadoda
 9/3/2015 1:43:47 PM



#29
 2,4-Dichlorophenol
 Concen: 29.42 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	44.9	84.9
98	36.6	13.0	53.0





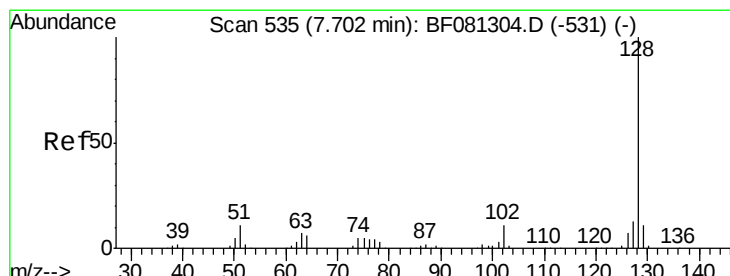
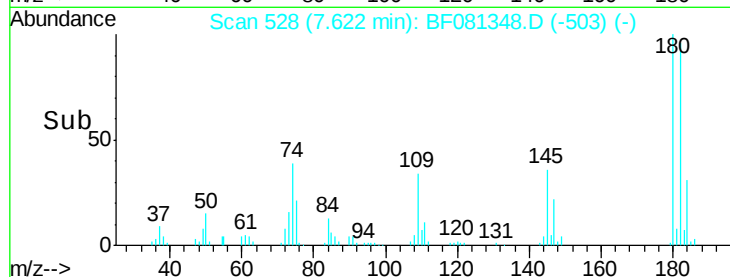
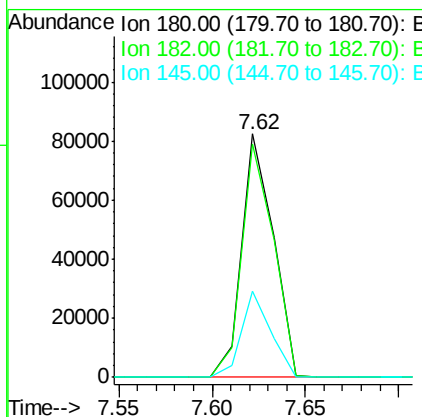
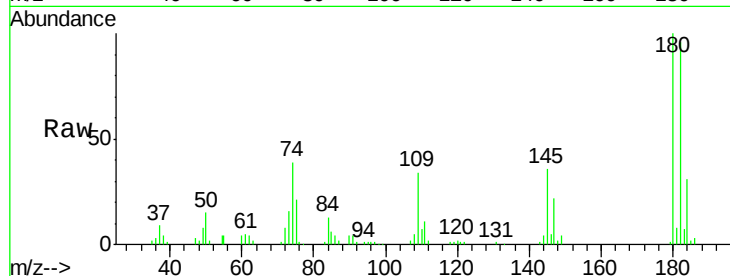
#30
1,2,4-Trichlorobenzene
Concen: 26.11 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.1	115.7
145	35.5	23.3	34.9#

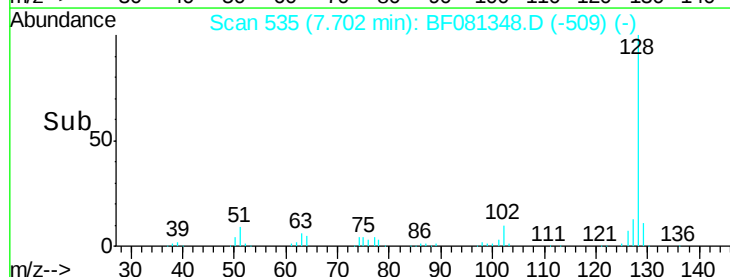
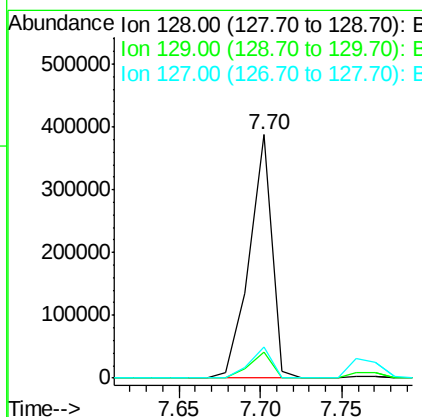
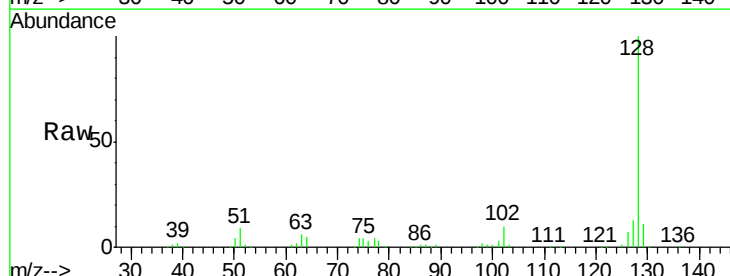
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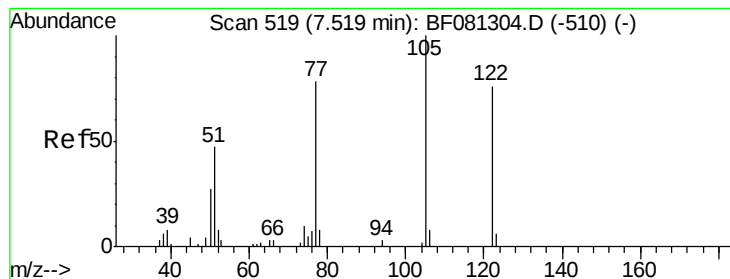
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#31
Naphthalene
Concen: 28.76 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	13.0	9.9	14.9





#32

Benzoic acid

Concen: 5.34 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

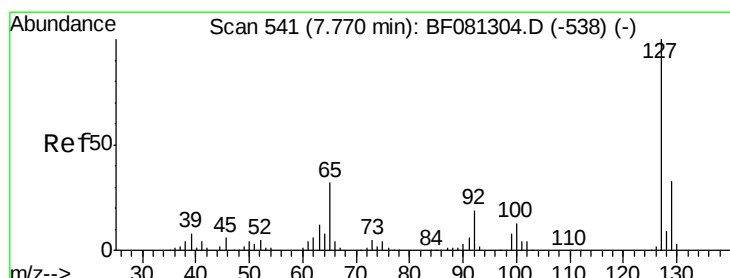
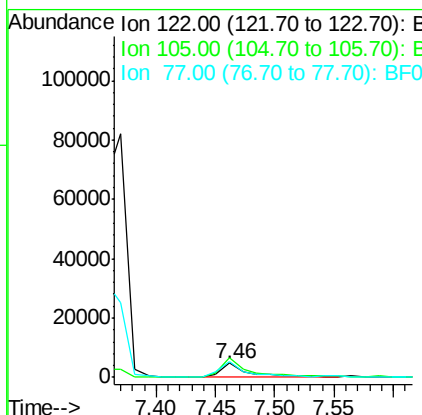
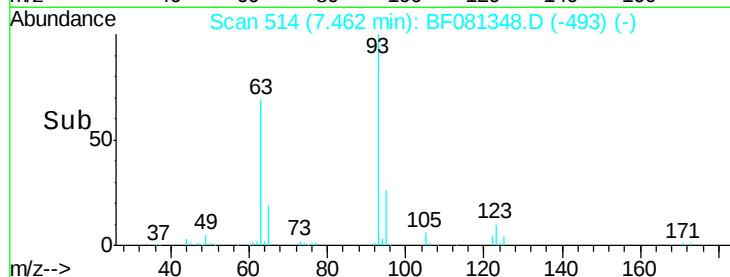
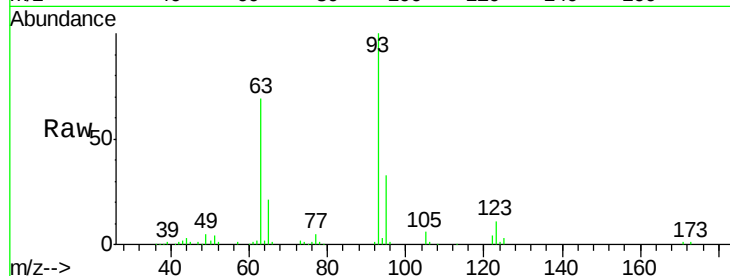
ClientSampleId :

COFF-2-20(0-2)MS

Tgt Ion:	122	Resp:	8277
Ion Ratio	Lower	Upper	
122	100		
105	136.6	76.1	116.1#
77	111.1	40.5	80.5#

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#33

4-Chloroaniline

Concen: 7.99 ng

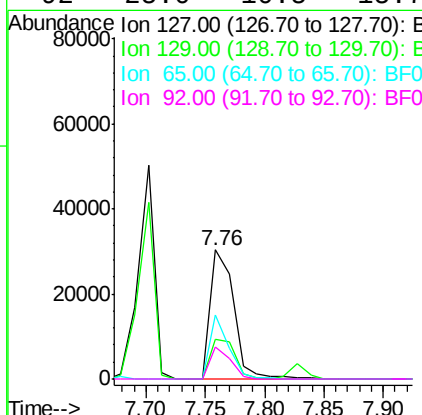
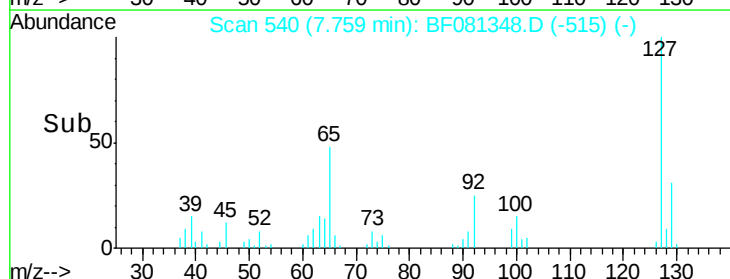
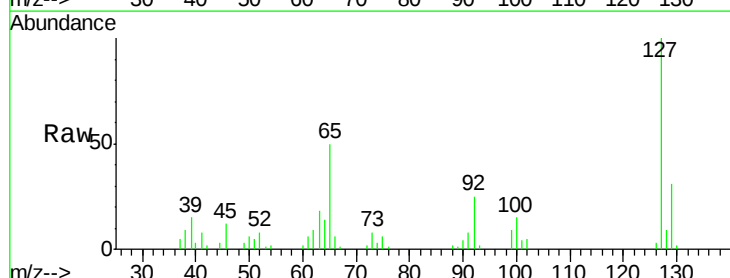
RT: 7.76 min Scan# 540

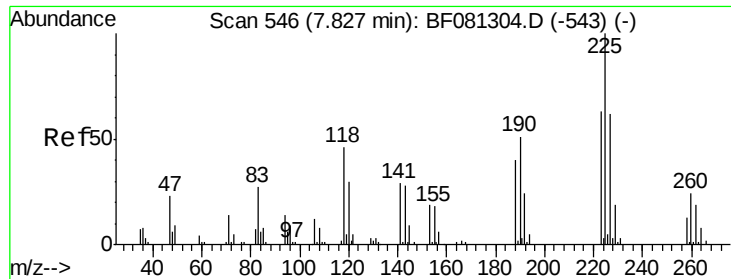
Delta R.T. -0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion:	127	Resp:	42135
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.8	38.6
65	49.8	17.9	26.9#
92	25.0	10.5	15.7#





#34

Hexachlorobutadiene

Concen: 27.67 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF081348.D

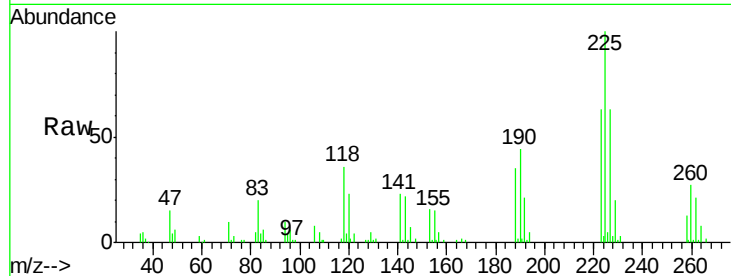
Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

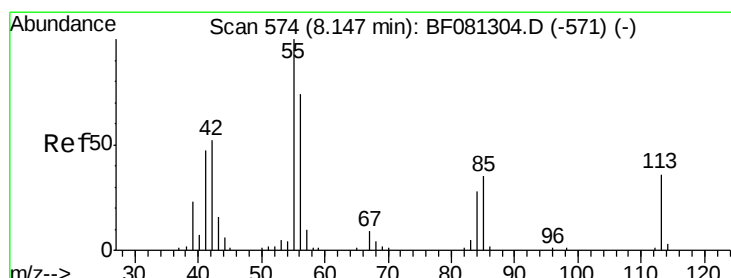
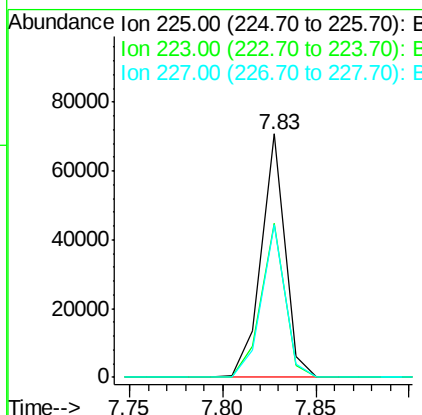
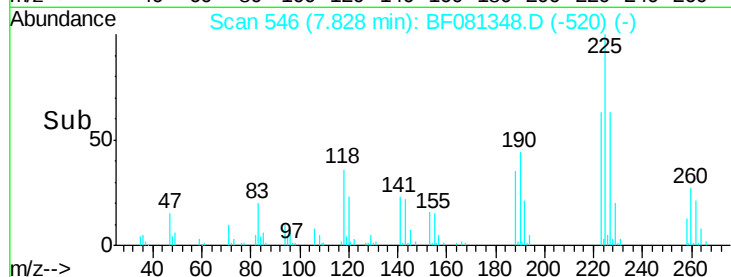
COFF-2-20(0-2)MS



Tgt Ion:	225	Resp:	62308
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.2	75.2
227	62.7	52.2	78.2

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#35

Caprolactam

Concen: 10.51 ng

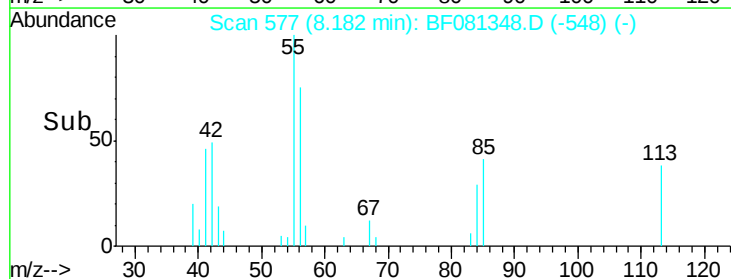
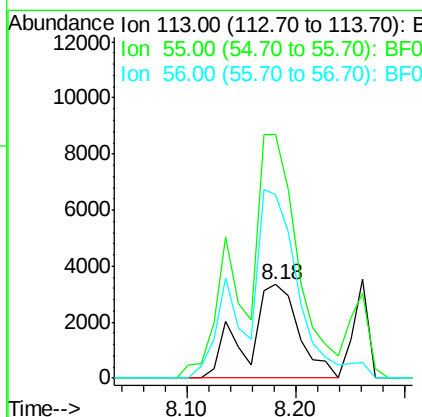
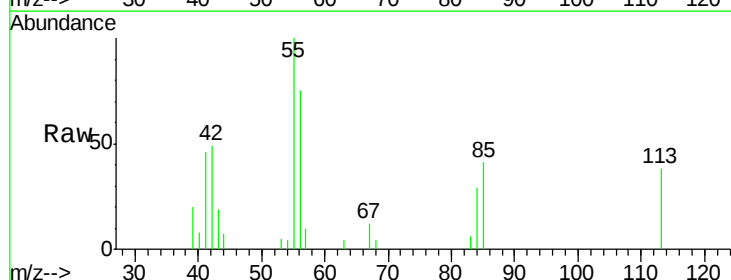
RT: 8.18 min Scan# 577

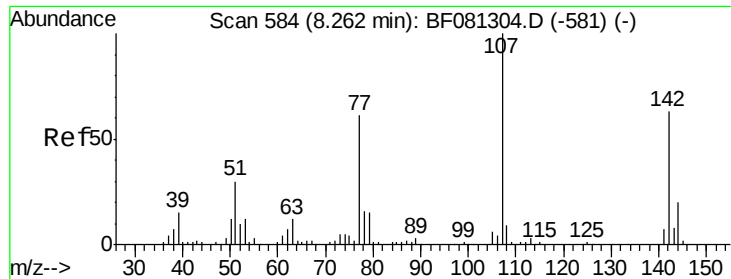
Delta R.T. 0.03 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

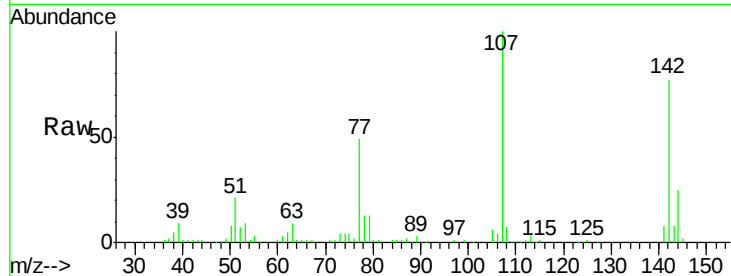
Tgt Ion:	113	Resp:	10980
Ion Ratio	Lower	Upper	
113	100		
55	261.0	152.4	192.4#
56	196.1	104.6	144.6#





#36
 4-Chloro-3-methylphenol
 Concen: 31.27 ng
 RT: 8.26 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

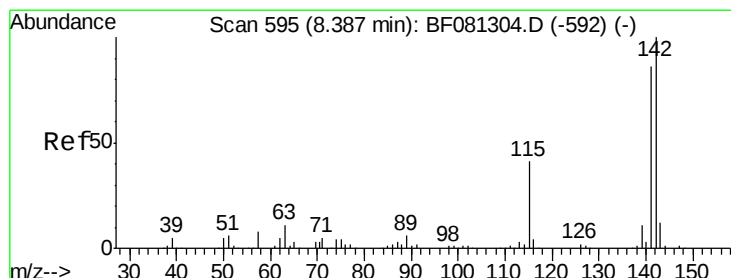
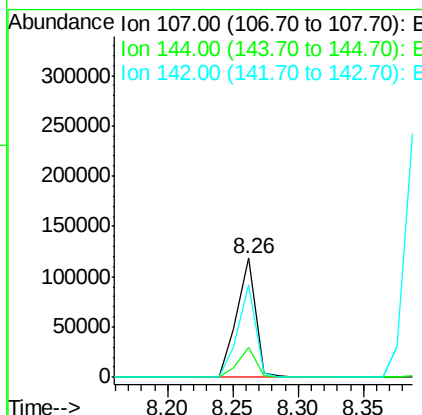
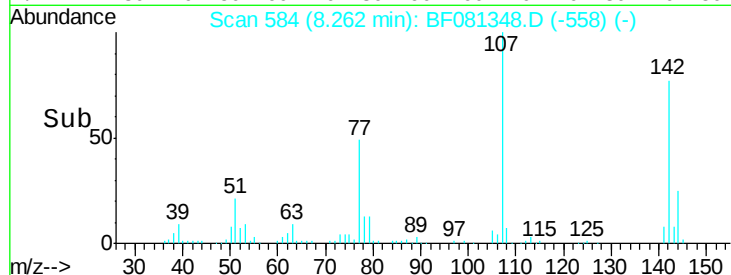
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS



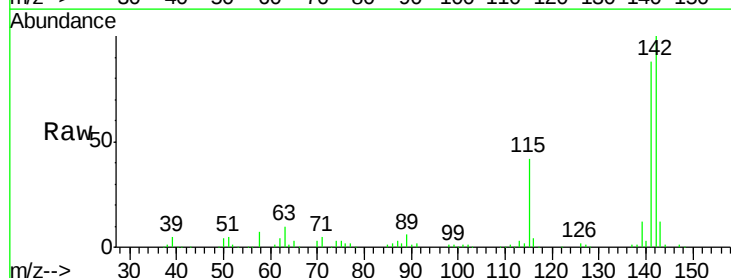
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	25.4	38.0#
142	77.3	77.3	115.9

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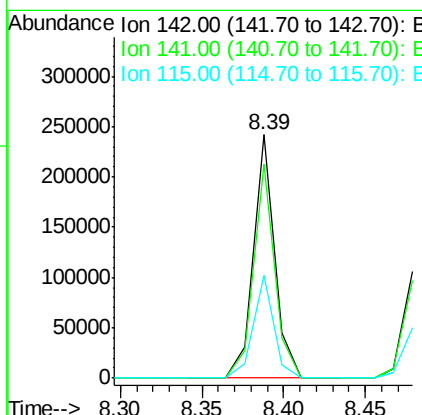
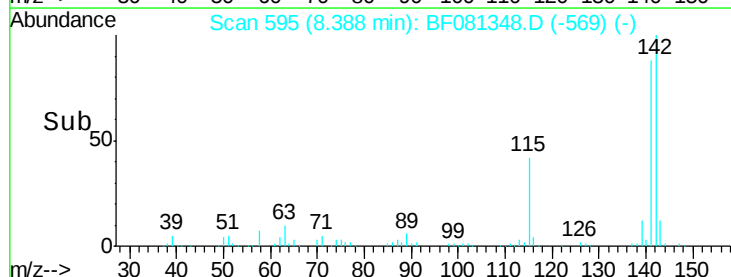
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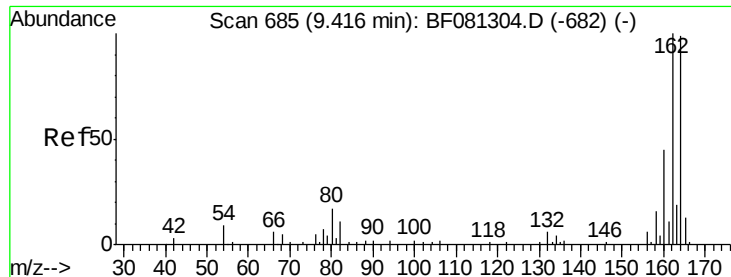


#37
 2-Methylnaphthalene
 Concen: 26.01 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	67.5	101.3
115	42.0	18.2	27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

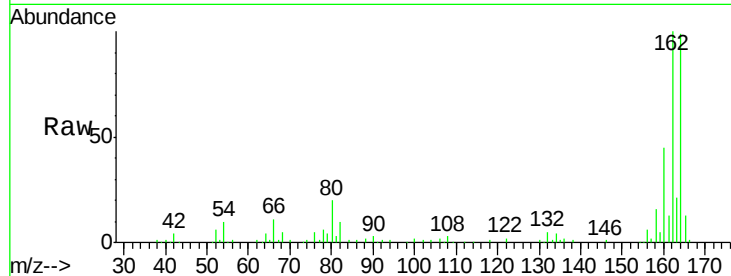
ClientSampleId :

COFF-2-20(0-2)MS

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Tgt Ion:	164	Resp:	107755
Ion Ratio	Lower	Upper	
164	100		
162	101.2	75.2	112.8
160	45.1	31.5	47.3

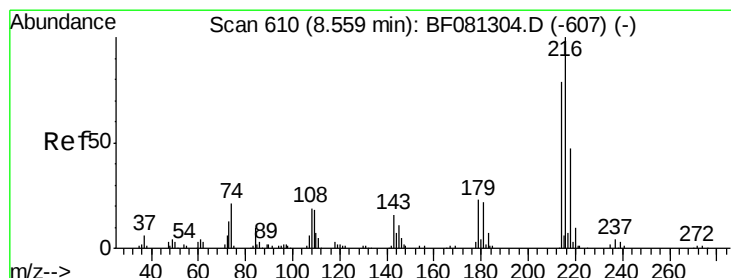
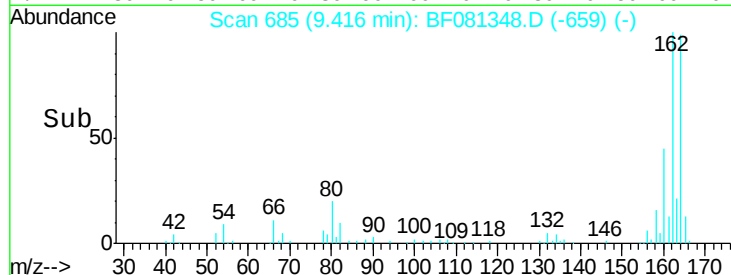
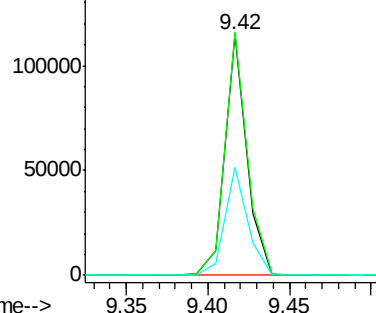


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.23 ng

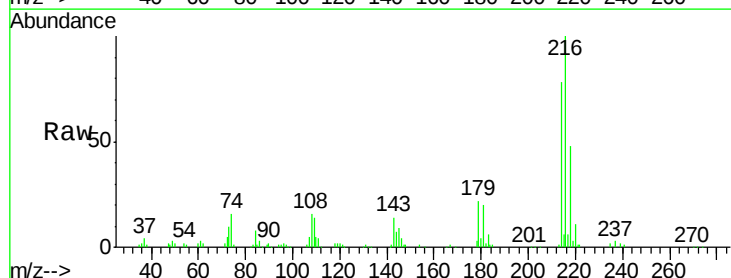
RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion:	216	Resp:	103014
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.5	95.3
179	22.9	16.6	24.8
108	22.1	16.3	24.5



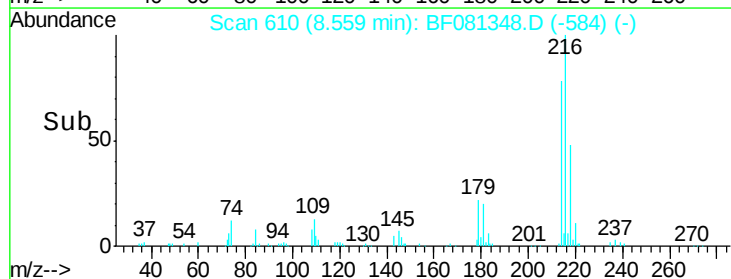
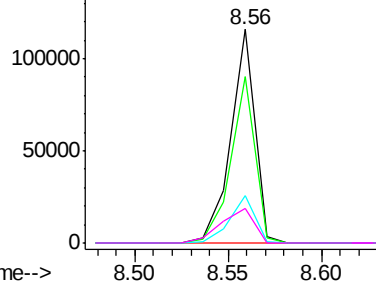
Abundance

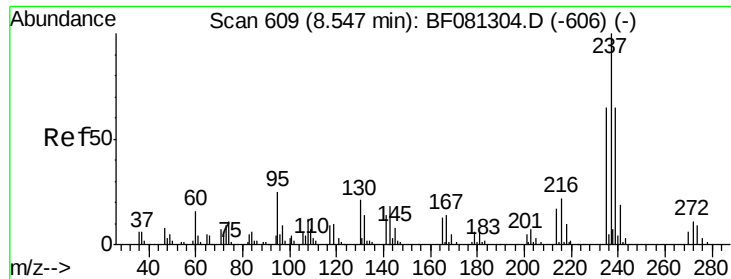
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





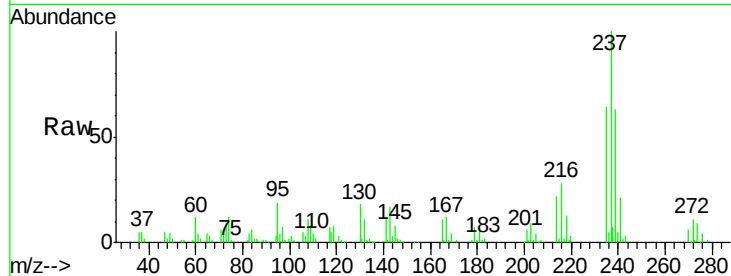
#40
Hexachlorocyclopentadiene
Concen: 54.39 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

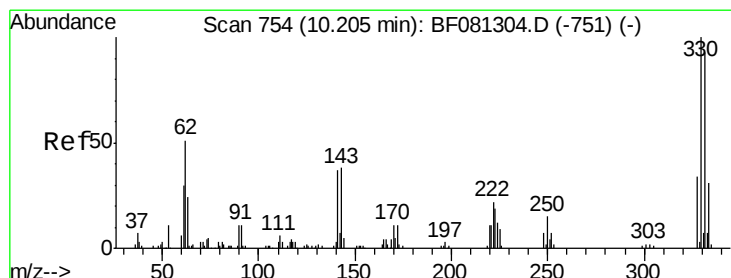
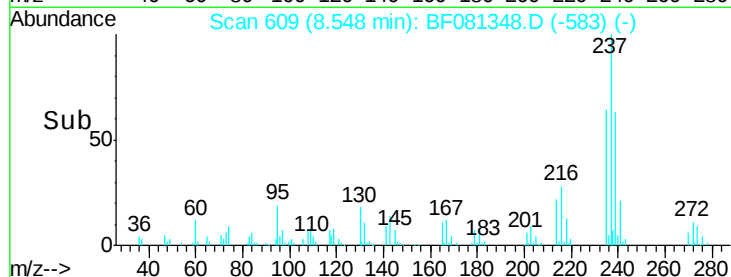
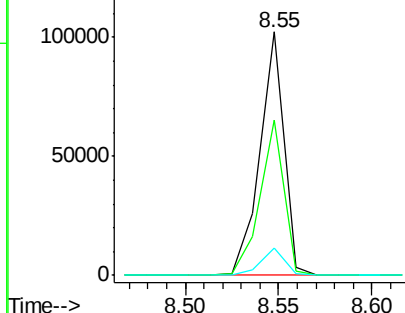
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.0	42.0	82.0
272	11.4	0.0	36.1

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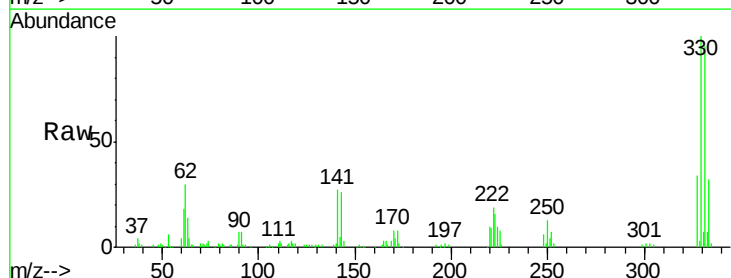


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

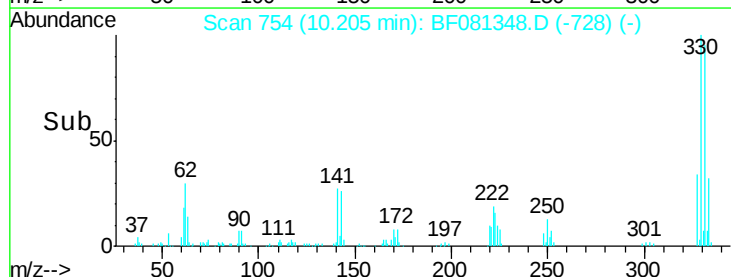
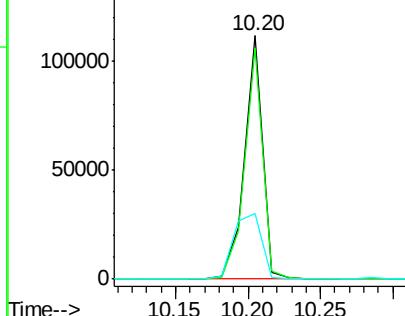


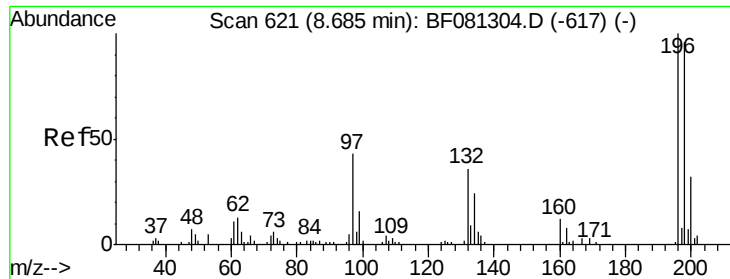
#41
2,4,6-Tribromophenol
Concen: 100.88 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.5	76.6	114.8
141	41.9	29.7	44.5



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





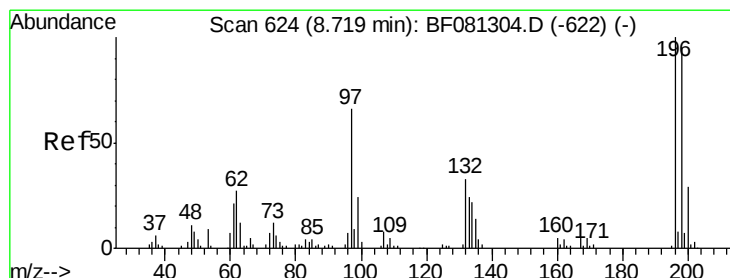
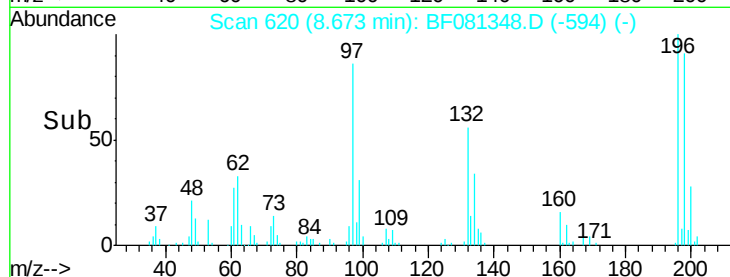
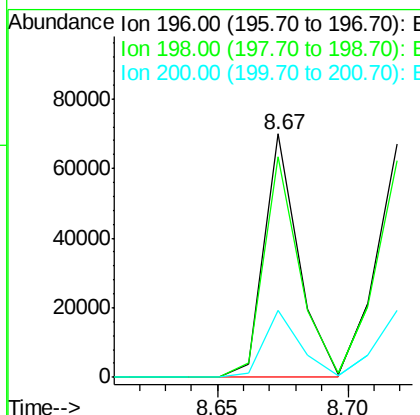
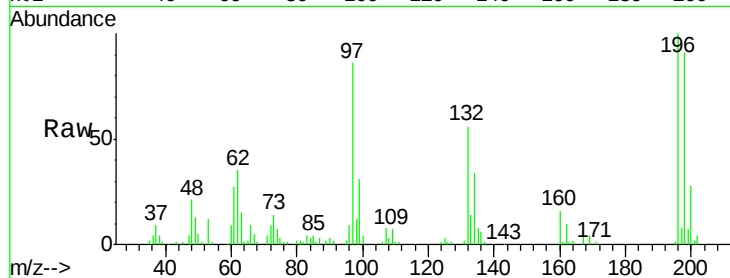
#42
 2,4,6-Trichlorophenol
 Concen: 27.58 ng
 RT: 8.67 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64875		
198	90.7	75.7	113.5	
200	27.5	23.9	35.9	

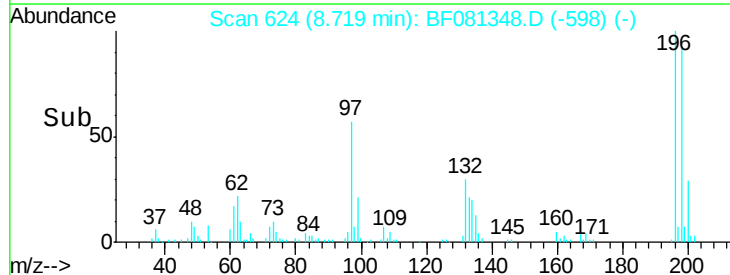
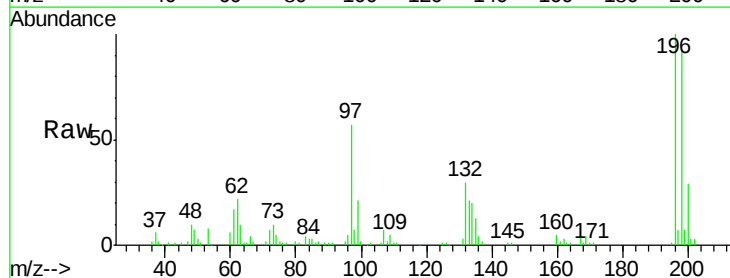
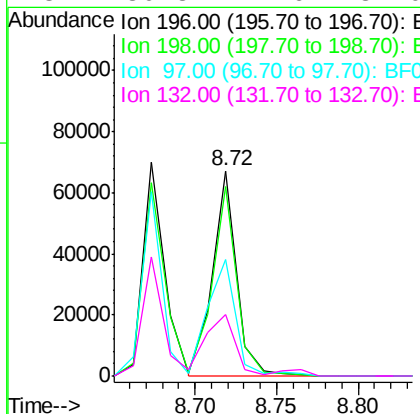
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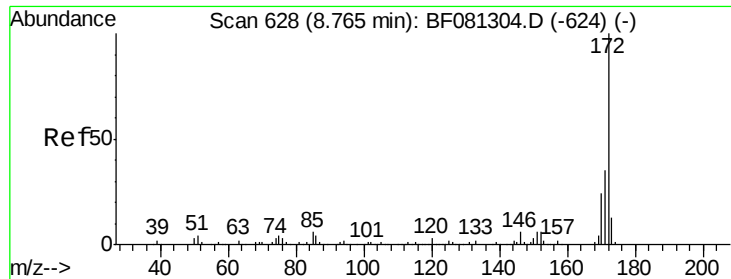
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#43
 2,4,5-Trichlorophenol
 Concen: 28.81 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69117		
198	92.6	75.4	113.0	
97	56.6	33.3	49.9	
132	30.3	24.6	37.0	





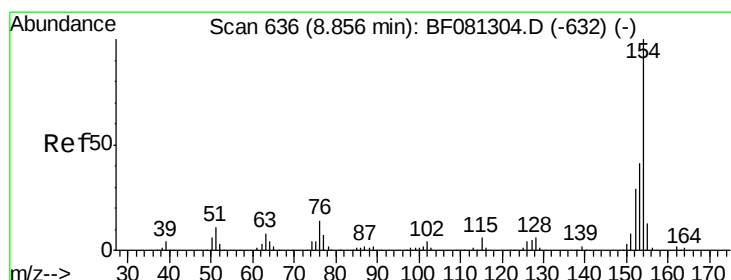
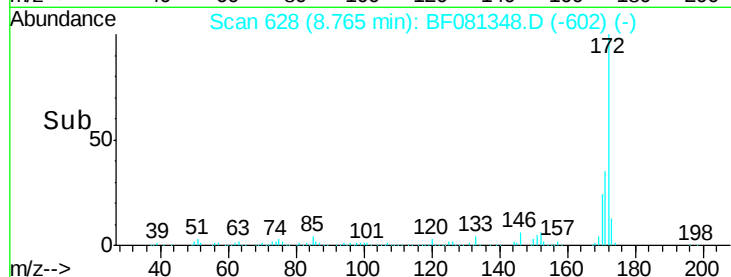
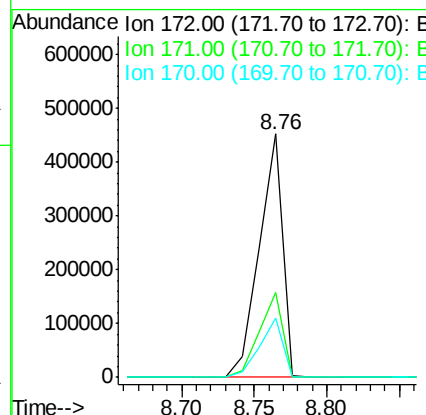
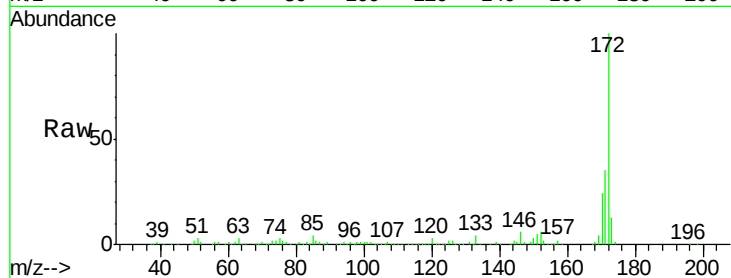
#44
 2-Fluorobiphenyl
 Concen: 60.00 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.9	26.1	39.1
170	24.1	17.4	26.2

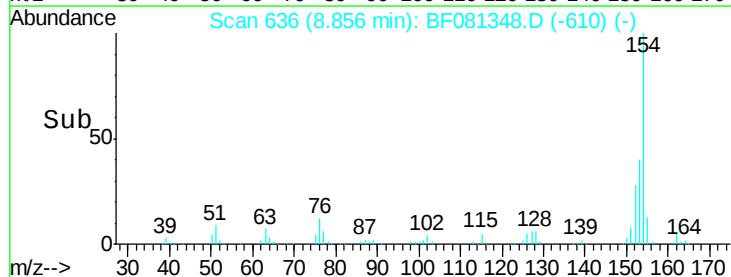
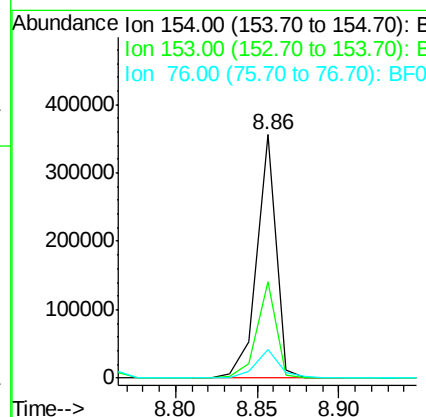
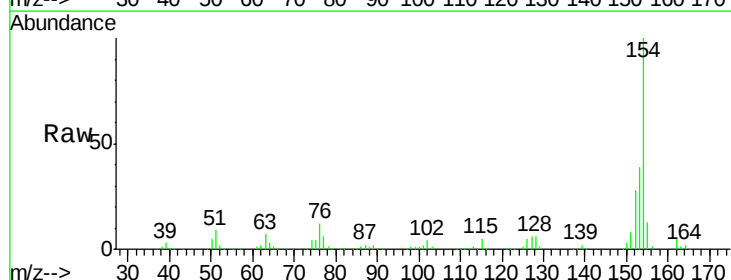
Manual Integrations
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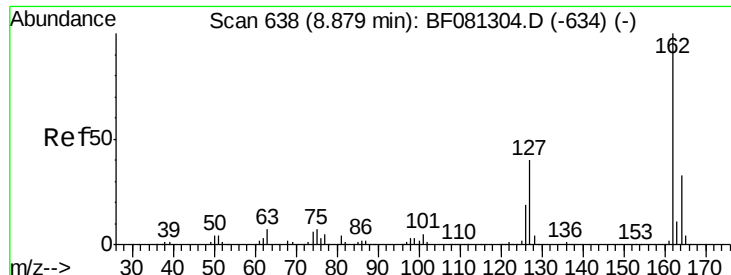
MMDadoda
 9/3/2015 1:43:47 PM



#45
 1,1'-Biphenyl
 Concen: 29.63 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.5	17.1	57.1
76	11.9	0.0	31.6





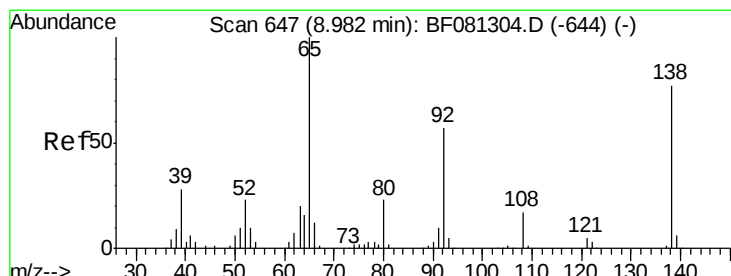
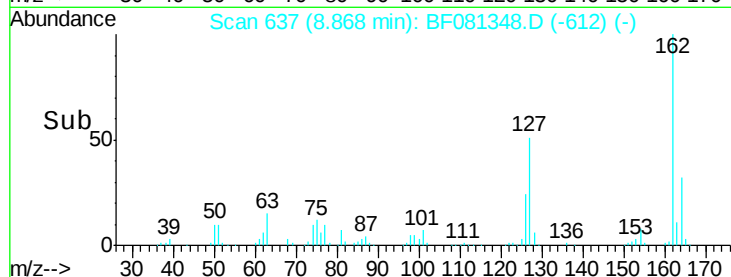
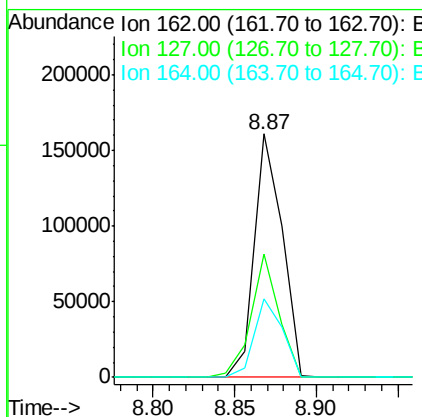
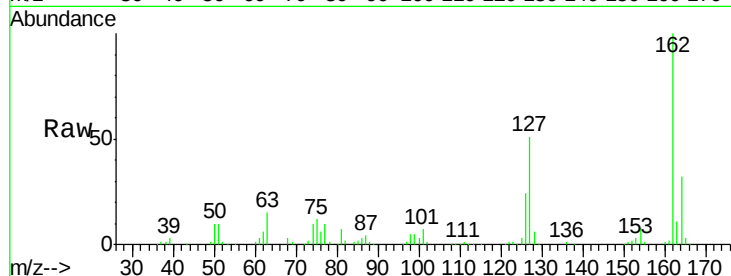
#46
 2-Chloronaphthalene
 Concen: 26.85 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Manual Integrations
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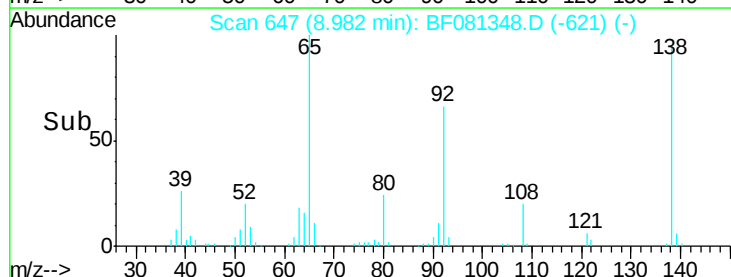
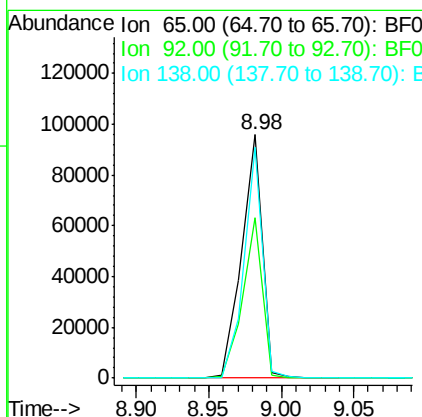
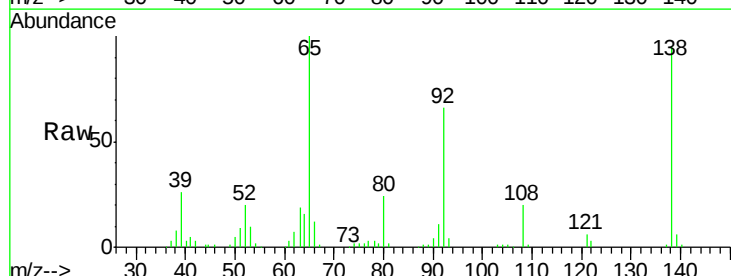
MMDadoda
 9/3/2015 1:43:47 PM

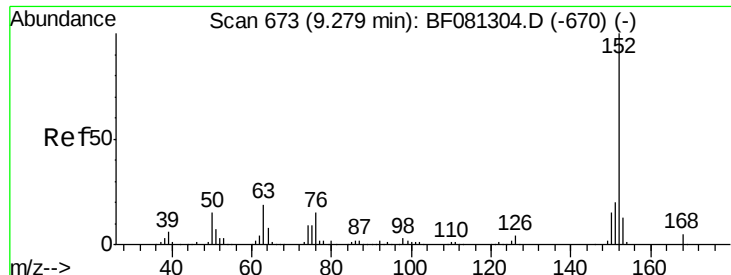
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	192201		
127	50.8	27.6	41.4#	
164	32.5	25.4	38.2	



#47
 2-Nitroaniline
 Concen: 32.62 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	95191		
92	65.7	55.4	83.0	
138	94.9	115.5	173.3#	





#48

Acenaphthylene

Concen: 27.00 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

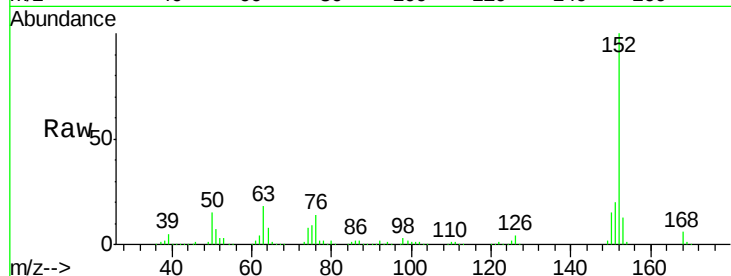
ClientSampleId :

COFF-2-20(0-2)MS

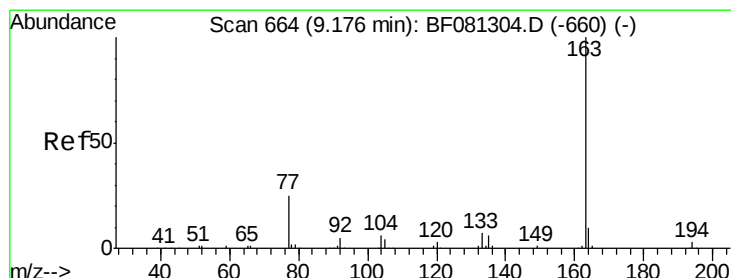
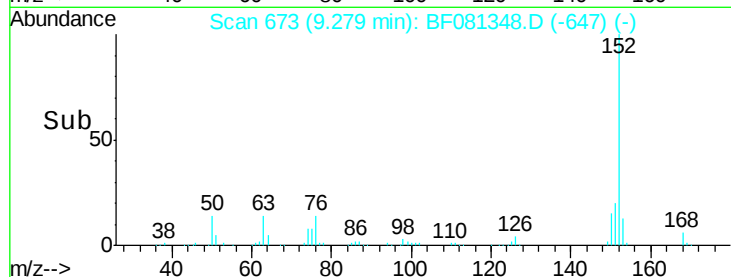
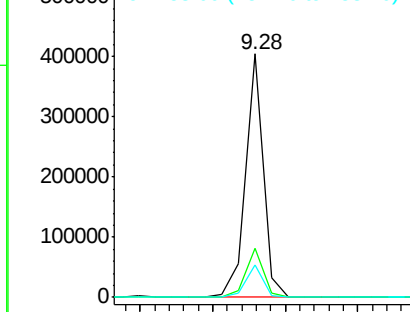
Tgt Ion:	152	Resp:	342880
Ion Ratio	Lower	Upper	
152	100		
151	20.1	14.6	22.0
153	13.3	10.3	15.5

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.05 ng

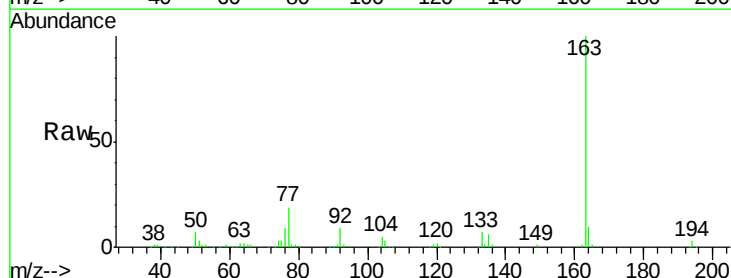
RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

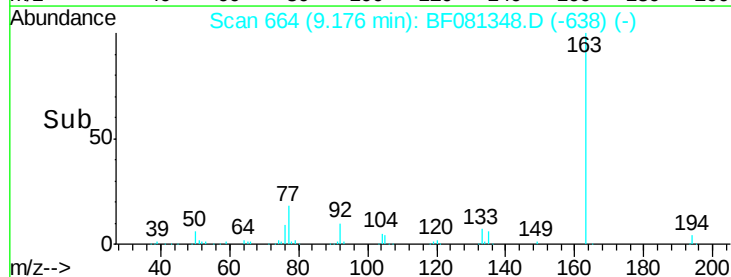
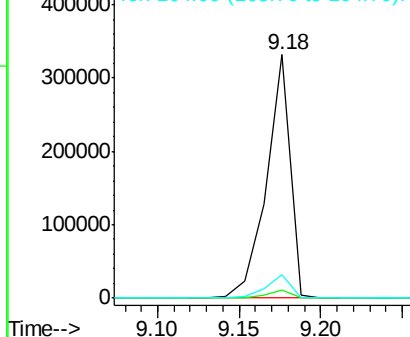
Lab File: BF081348.D

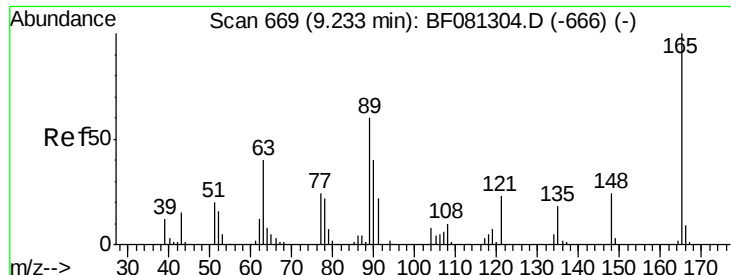
Acq: 2 Sep 2015 14:58

Tgt Ion:	163	Resp:	335285
Ion Ratio	Lower	Upper	
163	100		
194	3.4	4.4	6.6#
164	9.7	8.3	12.5



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





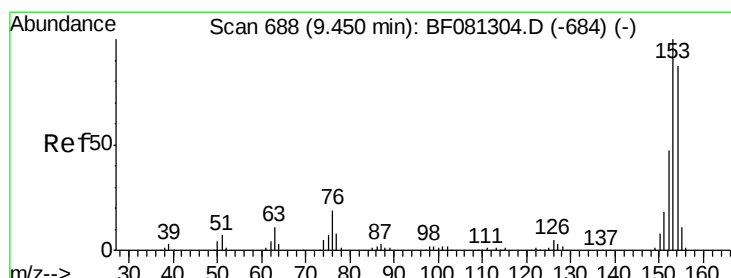
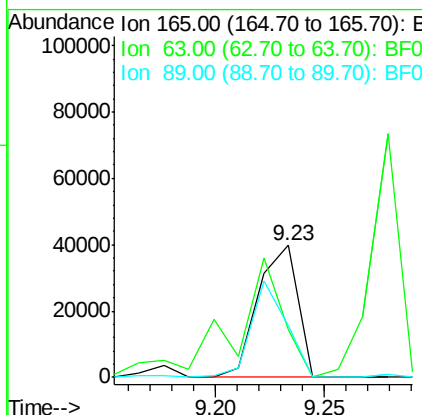
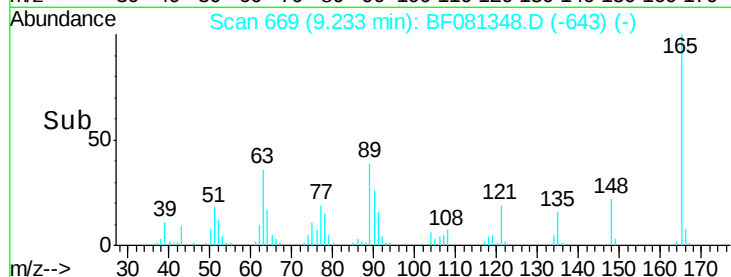
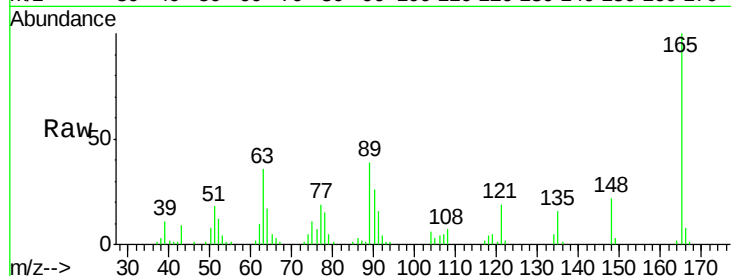
#50
 2,6-Dinitrotoluene
 Concen: 26.83 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.1	32.3	48.5
89	38.9	28.6	43.0

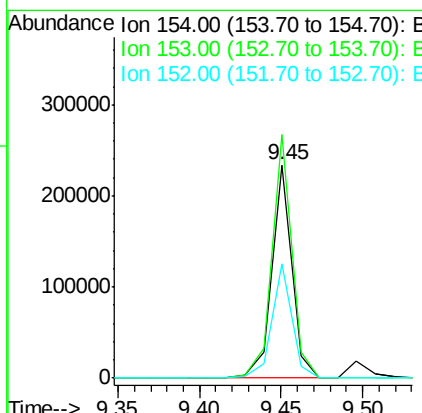
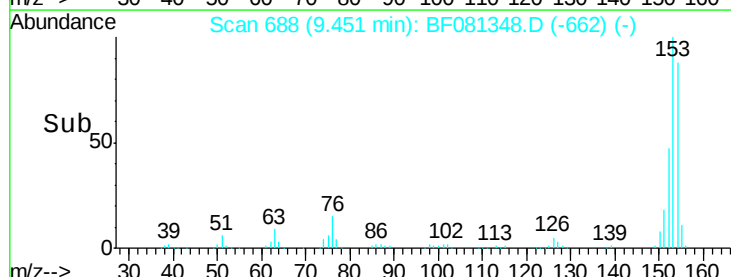
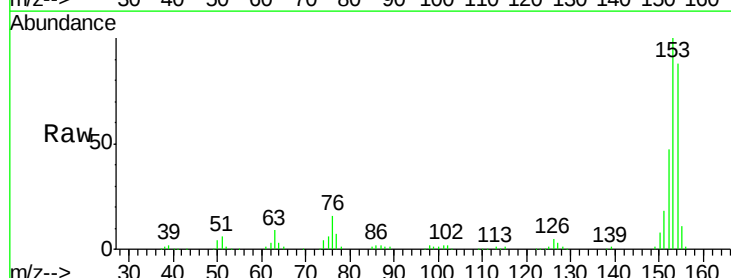
Manual Integrations
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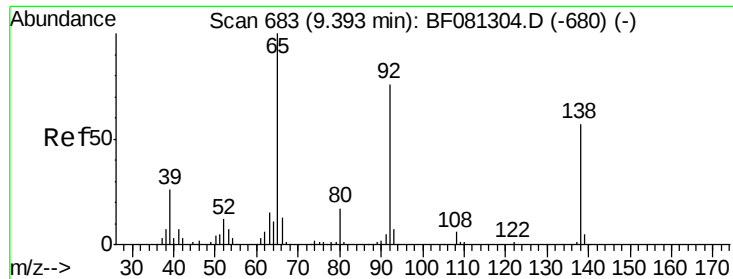
MMDadoda
 9/3/2015 1:43:47 PM



#51
 Acenaphthene
 Concen: 27.57 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.2	82.1	123.1
152	53.9	37.9	56.9





#52

3-Nitroaniline

Concen: 23.09 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

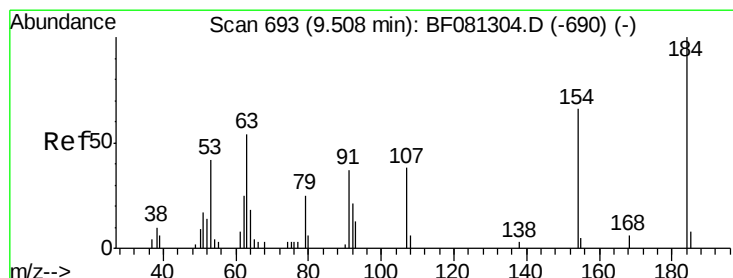
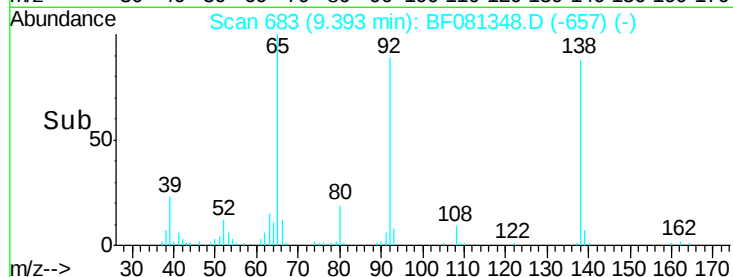
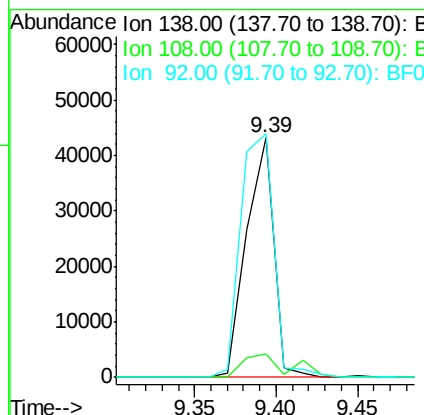
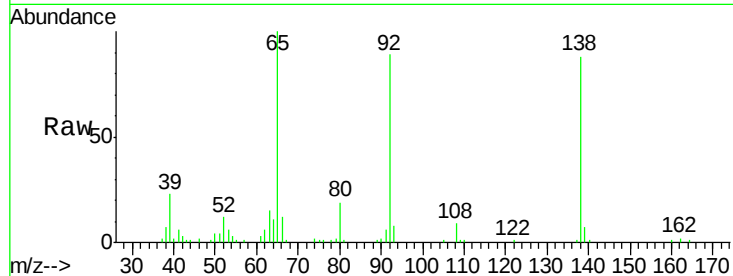
COFF-2-20(0-2)MS

Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	5.7	8.5#
92	101.6	67.7	101.5#



#53

2,4-Dinitrophenol

Concen: 30.90 ng

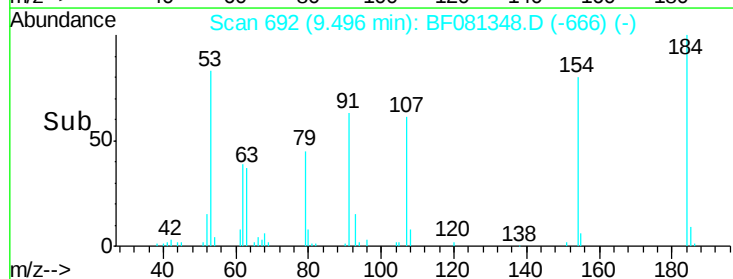
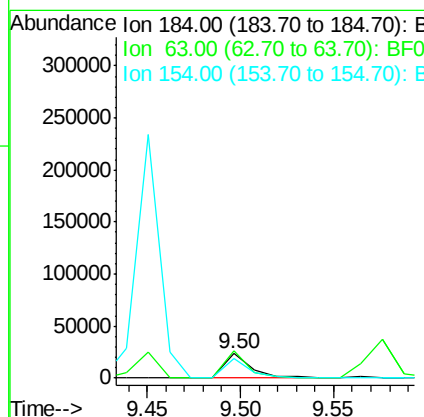
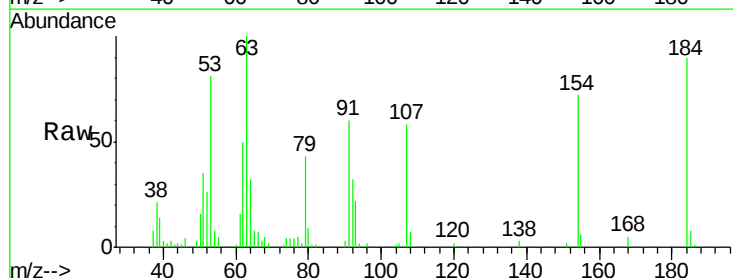
RT: 9.50 min Scan# 692

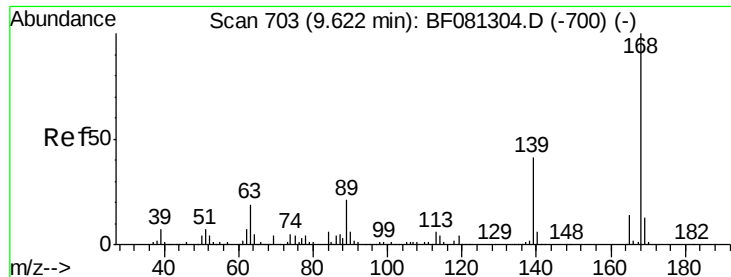
Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

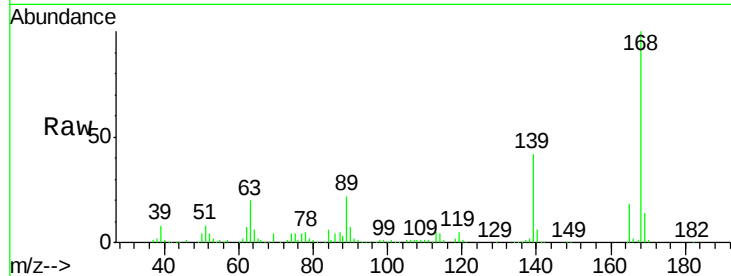
Tgt Ion	Ratio	Lower	Upper
184	100		
63	111.5	35.4	53.2#
154	80.1	32.2	48.4#





#54
Dibenzofuran
Concen: 29.40 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

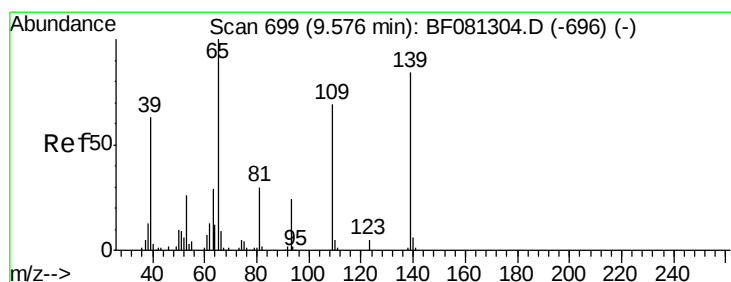
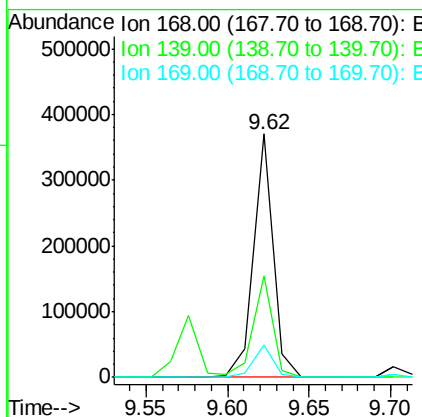
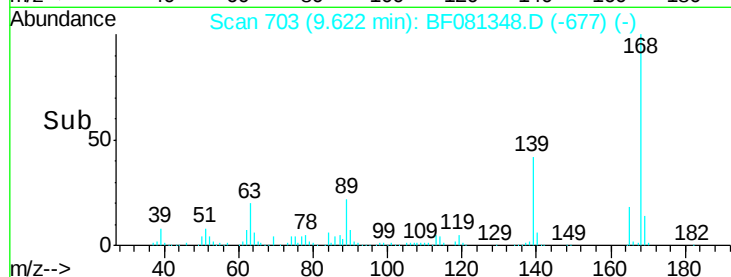
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS



Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.8	24.2	36.2#
169	13.5	10.6	15.8

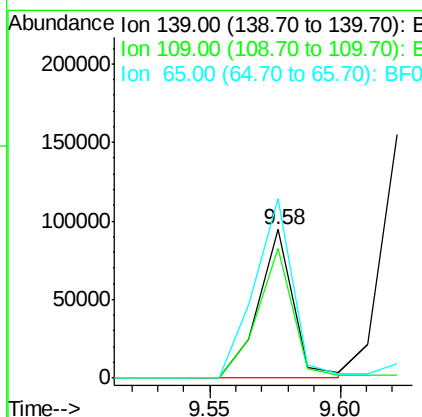
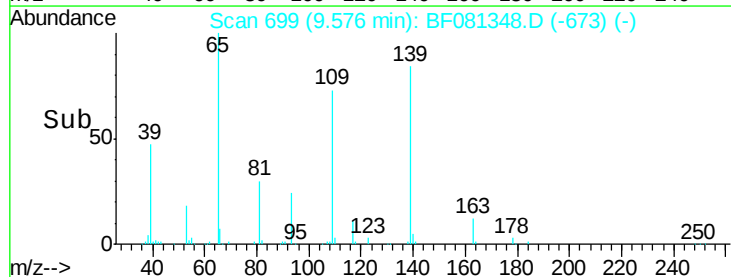
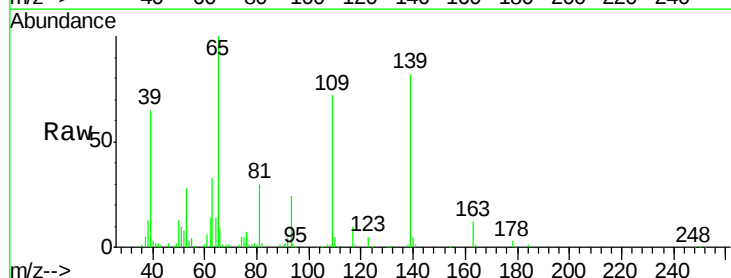
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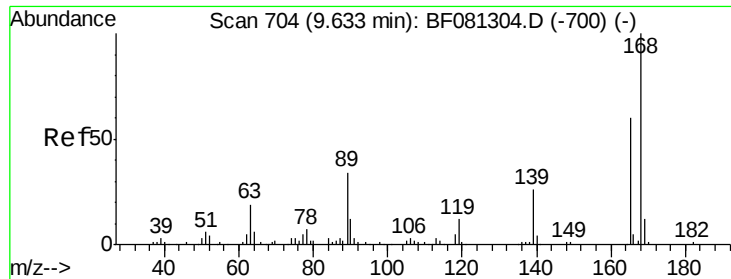
MMDadoda
9/3/2015 1:43:47 PM



#55
4-Nitrophenol
Concen: 65.54 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

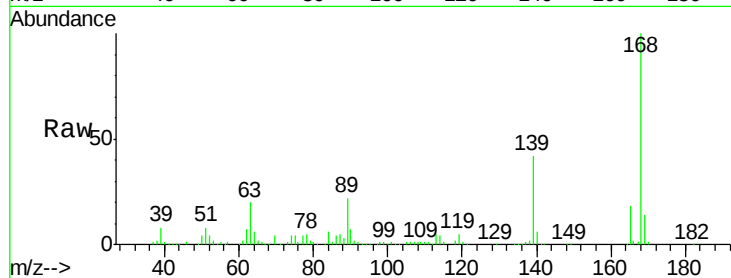
Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.1	12.7	52.7#
65	121.3	45.9	85.9#





#56
 2,4-Dinitrotoluene
 Concen: 26.89 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

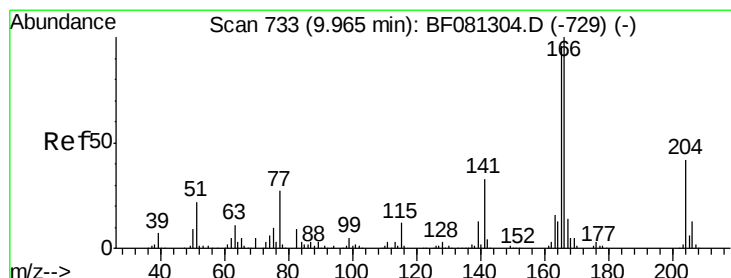
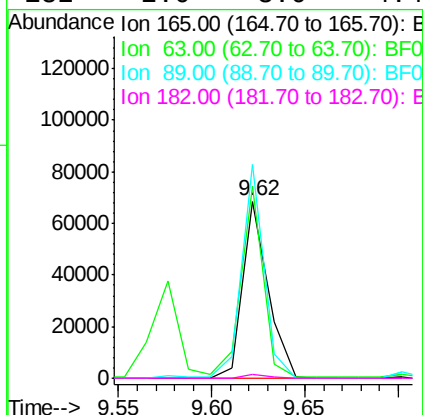
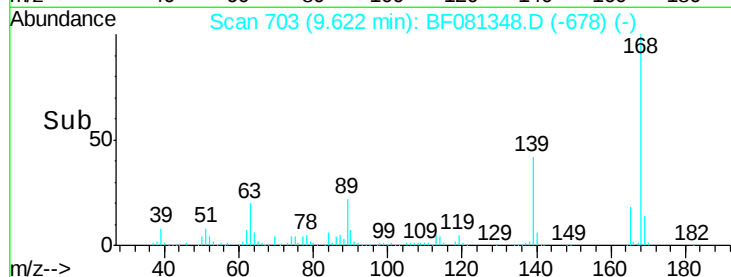
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS



Tgt Ion:	165	Resp:	65067
Ion Ratio	Lower	Upper	
165	100		
63	108.8	29.8	44.6#
89	120.9	44.5	66.7#
182	2.0	3.0	4.4#

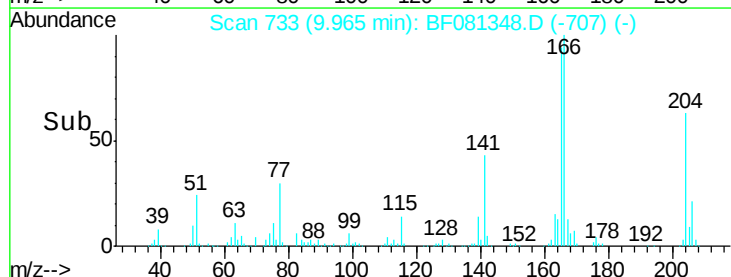
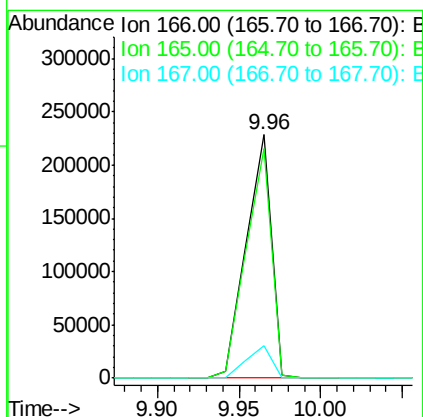
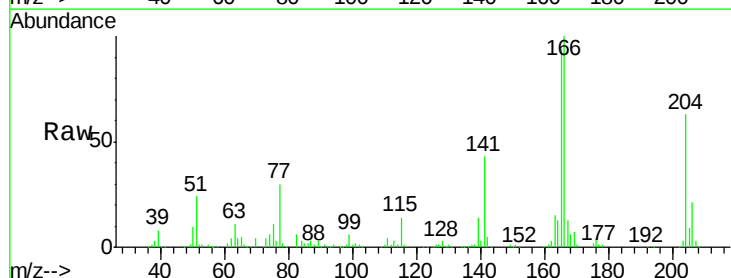
Manual Integrations
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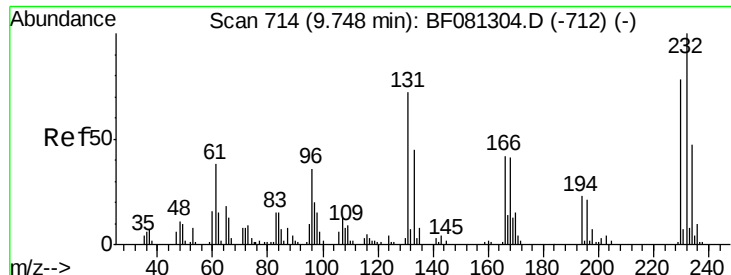
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 9/3/2015 1:43:47 PM



#57
 Fluorene
 Concen: 30.67 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion:	166	Resp:	245532
Ion Ratio	Lower	Upper	
166	100		
165	94.3	72.6	109.0
167	13.5	10.6	16.0





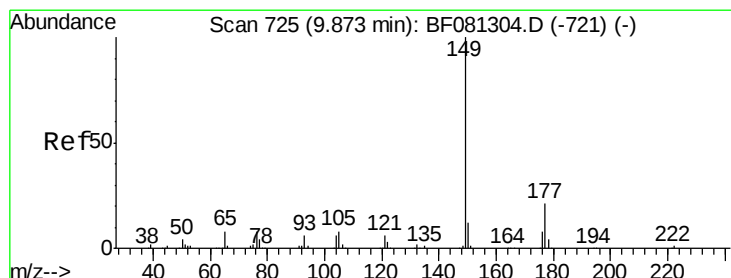
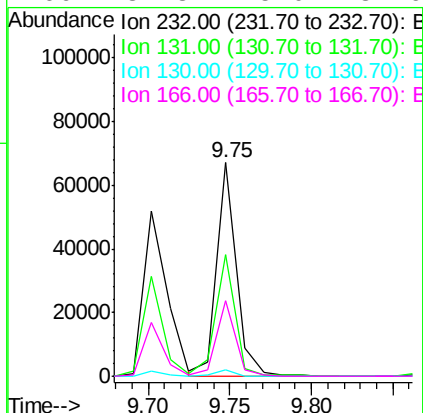
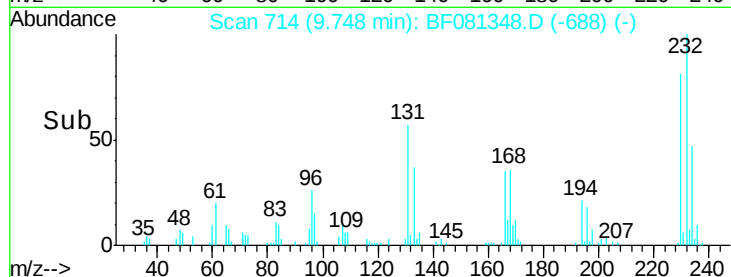
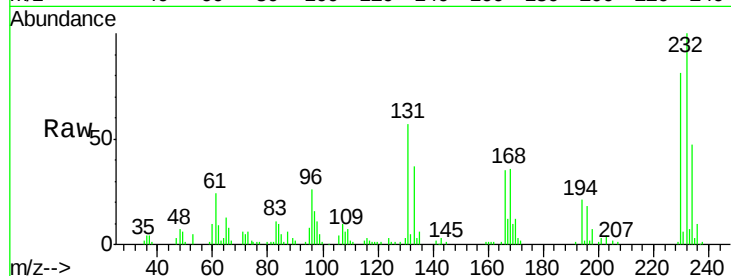
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.89 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Manual Integrations
 APPROVED

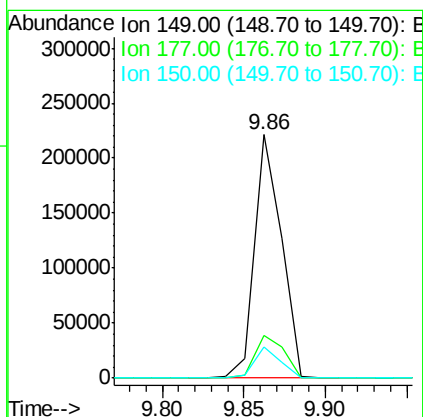
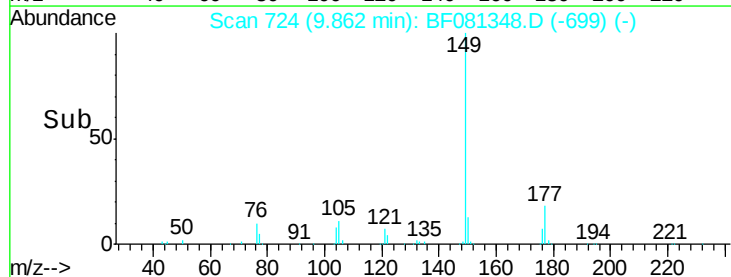
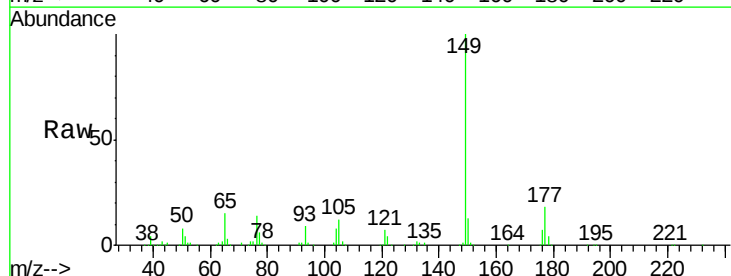
MMDadoda
 9/3/2015 1:43:47 PM

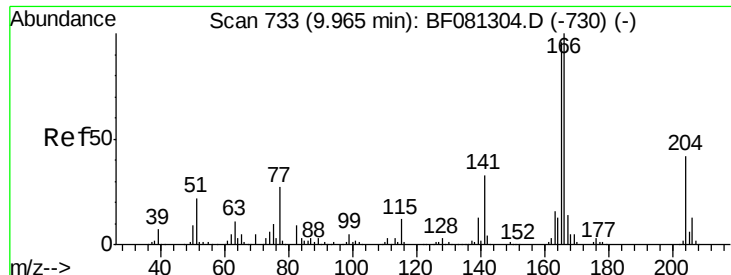
Tgt Ion:	232	Resp:	56588
Ion Ratio	Lower	Upper	
232	100		
131	57.4	38.5	57.7
130	2.9	1.8	2.6#
166	34.3	25.0	37.6



#59
 Diethylphthalate
 Concen: 28.69 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

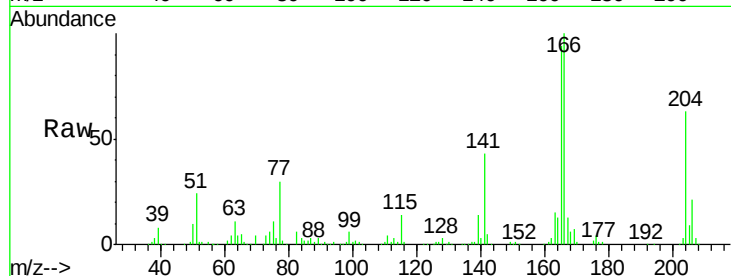
Tgt Ion:	149	Resp:	252638
Ion Ratio	Lower	Upper	
149	100		
177	17.6	17.5	26.3
150	12.9	9.4	14.2





#60
 4-Chlorophenyl-phenylether
 Concen: 31.11 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

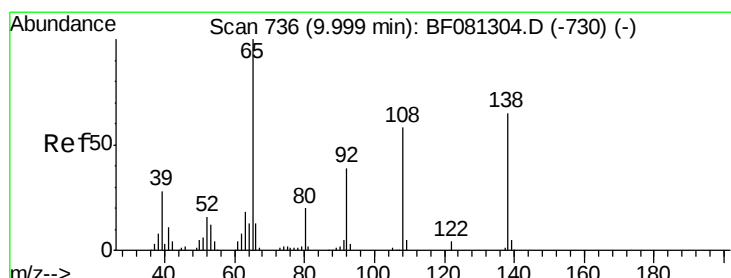
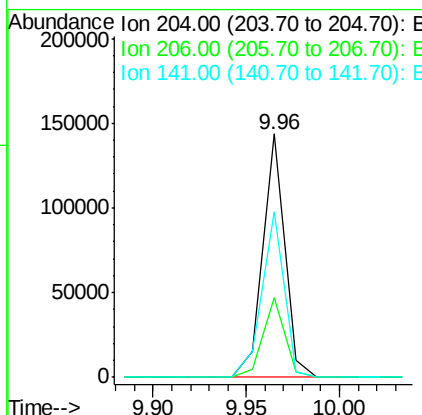
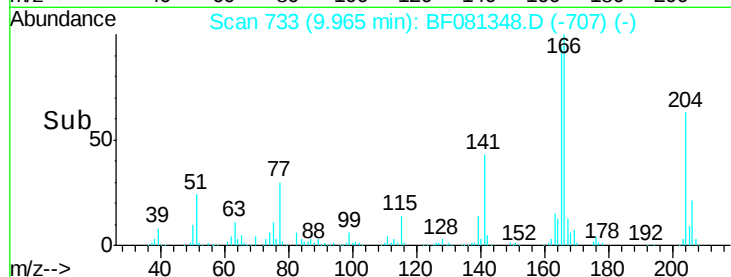
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS



Tgt Ion	Ratio	Resp	Lower	Upper
204	100	116081		
206	32.7	24.8	37.2	
141	68.2	42.2	63.4	

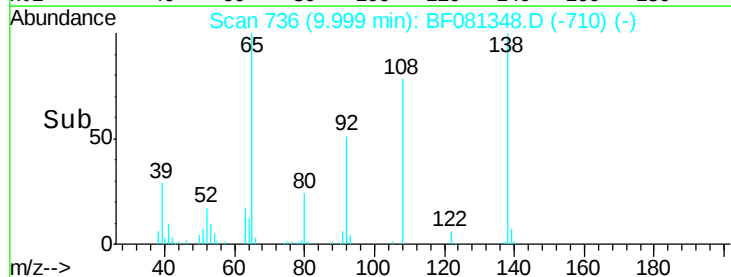
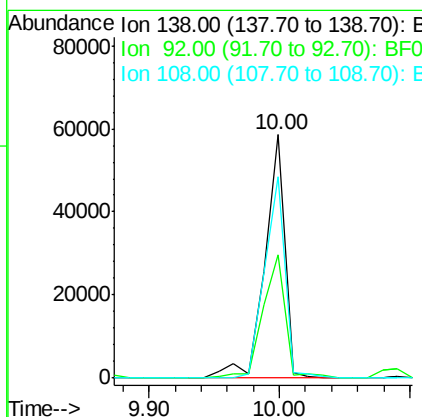
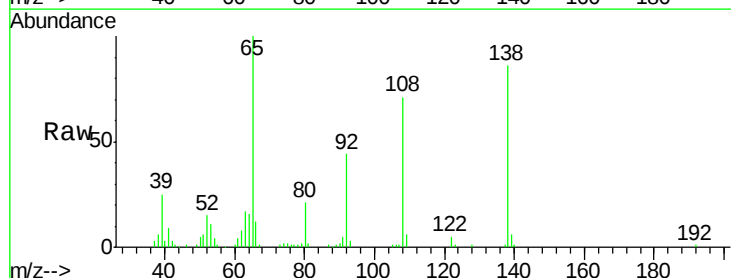
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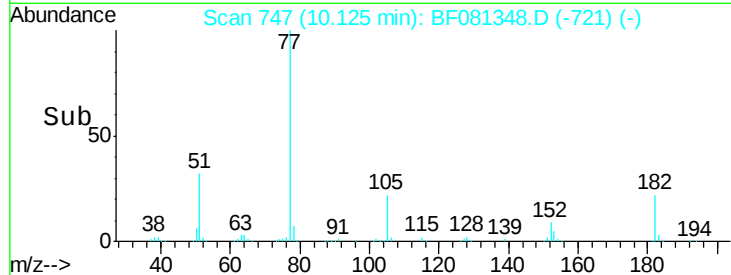
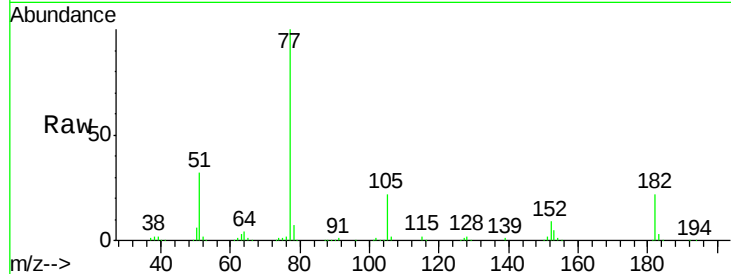
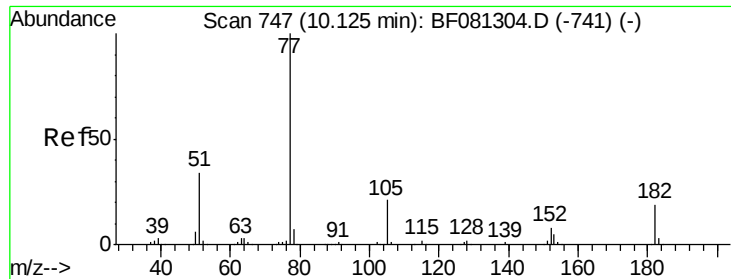
MMDadoda
 9/3/2015 1:43:47 PM



#61
 4-Nitroaniline
 Concen: 28.96 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	63300		
92	50.7	12.6	52.6	
108	82.8	12.4	52.4	





#62

Azobenzene

Concen: 31.49 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081348.D

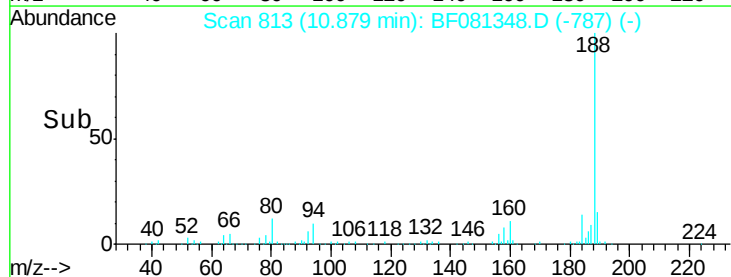
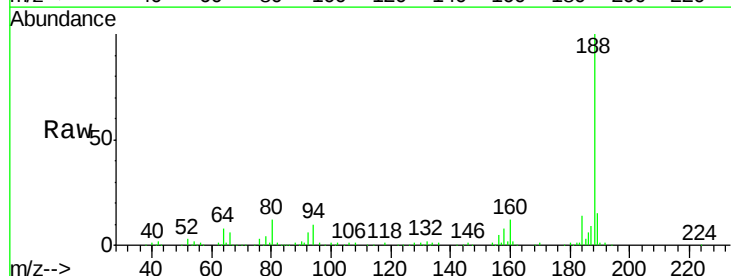
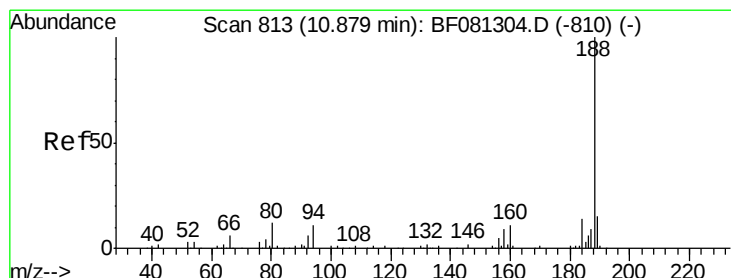
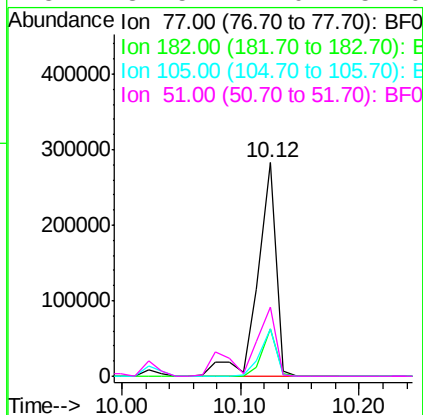
Acq: 2 Sep 2015 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		308334		
182	22.3	15.1	55.1		
105	22.3	3.4	43.4		
51	32.5	12.0	52.0		

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

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#63

Phenanthrene-d10

Concen: 20.00 ng

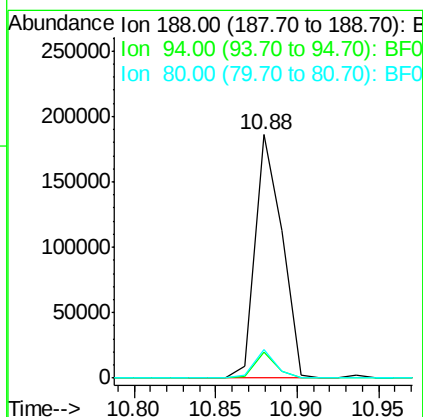
RT: 10.88 min Scan# 813

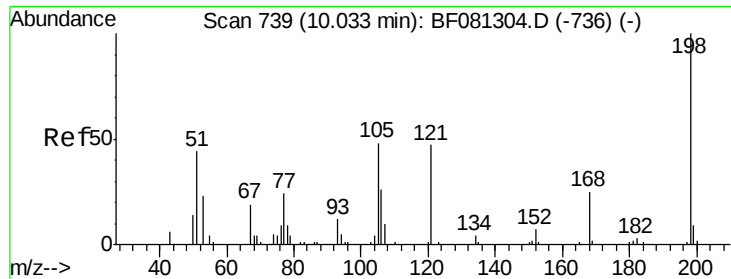
Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		212978		
94	10.5	11.1	16.7#		
80	11.8	11.0	16.4		





#64

4,6-Dinitro-2-methylphenol

Concen: 21.64 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

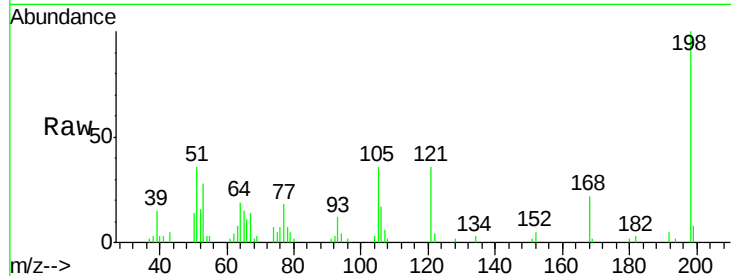
COFF-2-20(0-2)MS

Manual Integrations
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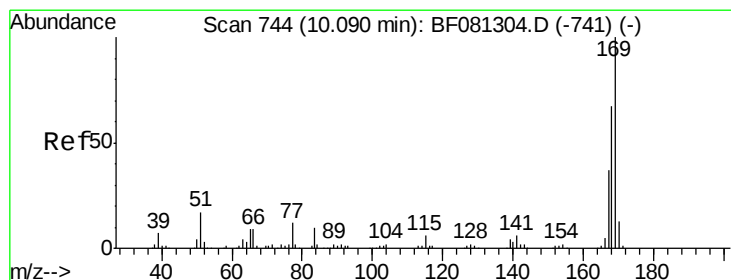
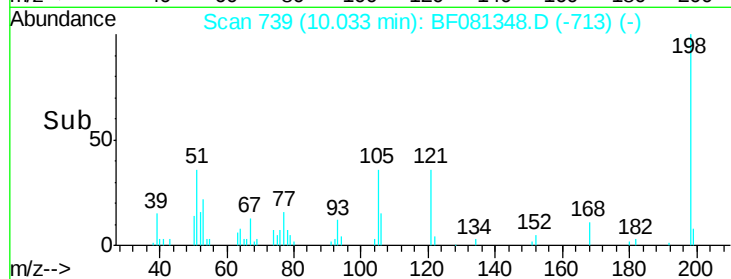
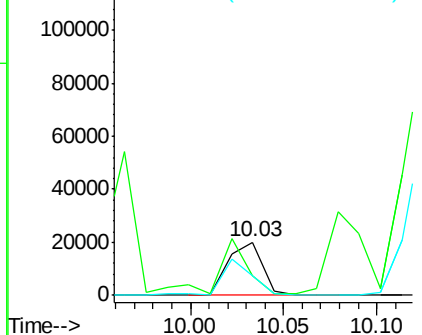
Tgt Ion:	198	Resp:	25775
Ion Ratio	Lower	Upper	
198	100		
51	35.9	39.6	79.6#
105	35.6	28.5	68.5



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: 28.53 ng

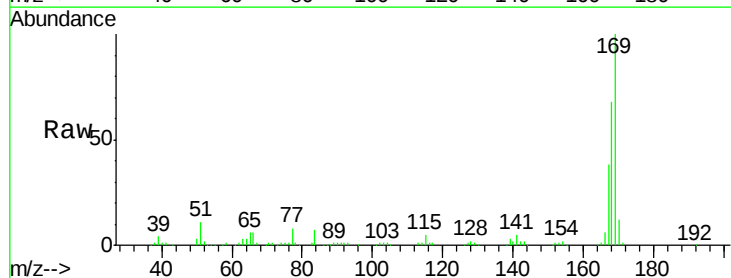
RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

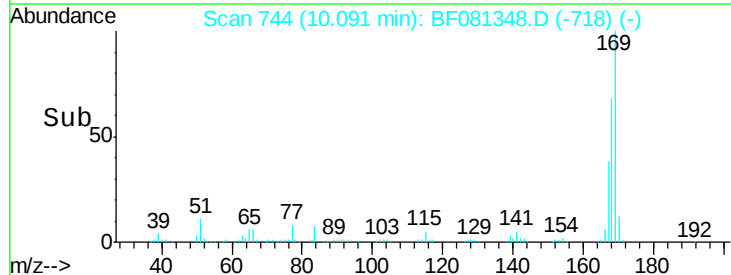
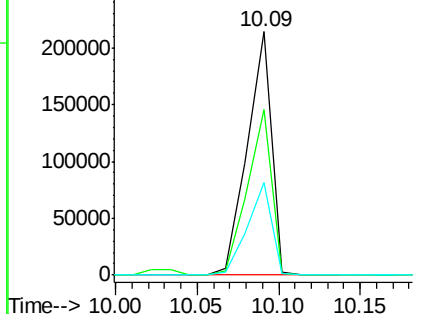
Tgt Ion:	169	Resp:	221112
Ion Ratio	Lower	Upper	
169	100		
168	67.9	48.9	73.3
167	38.1	26.2	39.4

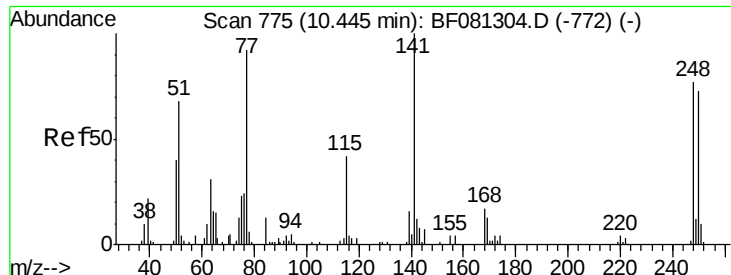


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 27.86 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF081348.D

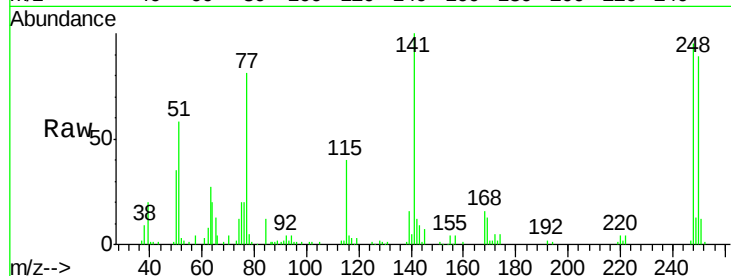
Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)MS



Tgt Ion: 248 Resp: 60005

Ion Ratio Lower Upper

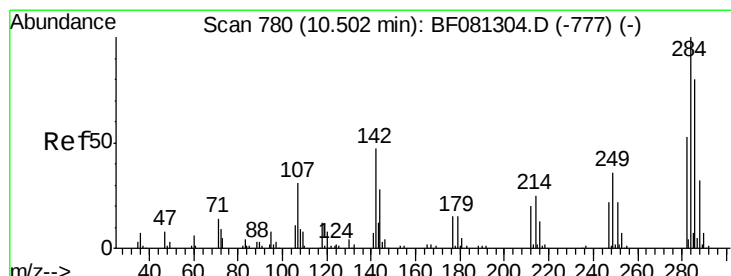
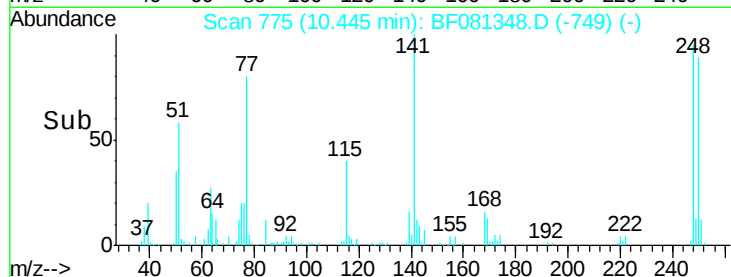
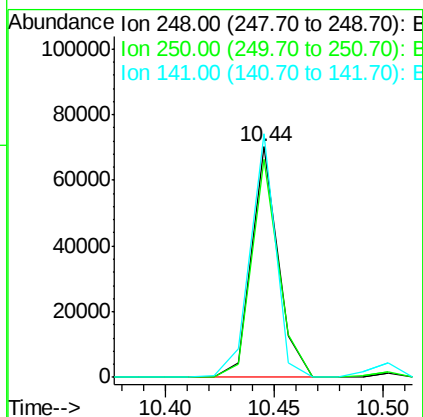
248 100

250 94.4 78.5 117.7

141 105.6 59.0 88.6#

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#67

Hexachlorobenzene

Concen: 28.75 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

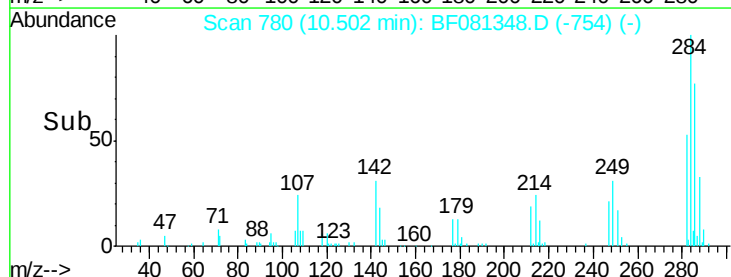
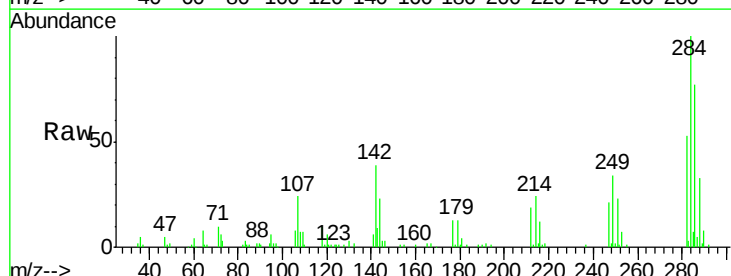
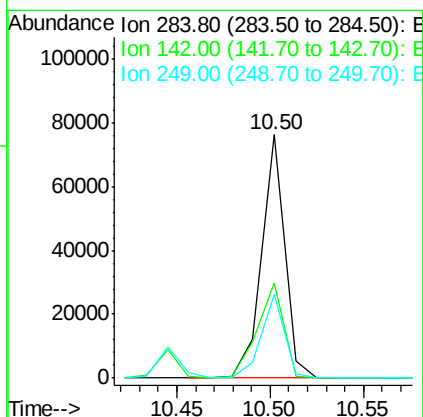
Tgt Ion: 284 Resp: 64724

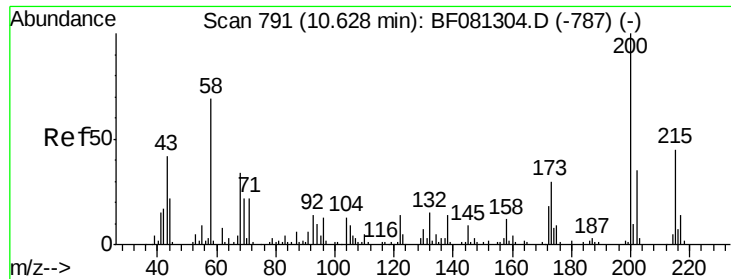
Ion Ratio Lower Upper

284 100

142 38.9 29.5 44.3

249 34.3 19.5 29.3#





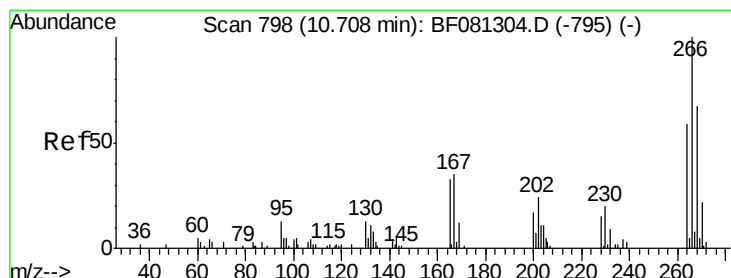
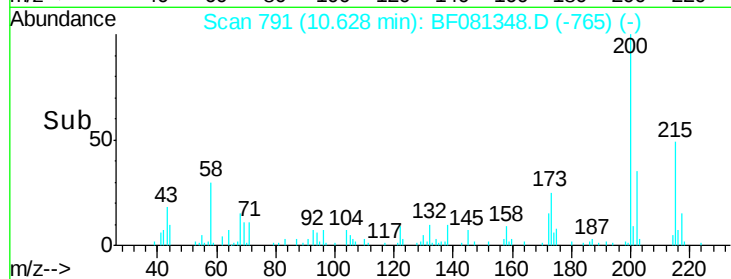
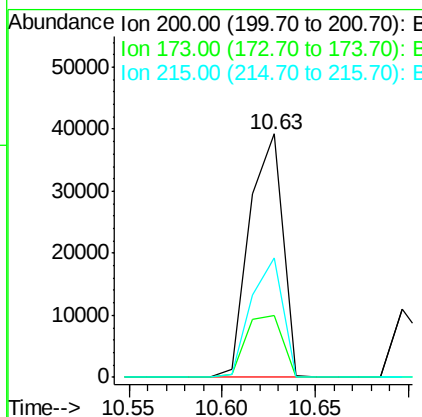
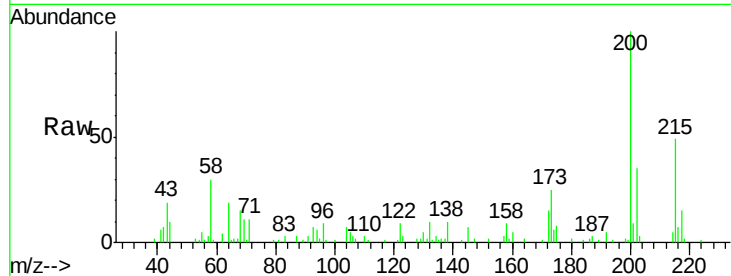
#68
Atrazine
Concen: 21.58 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	13.2	53.2
215	49.0	41.8	81.8

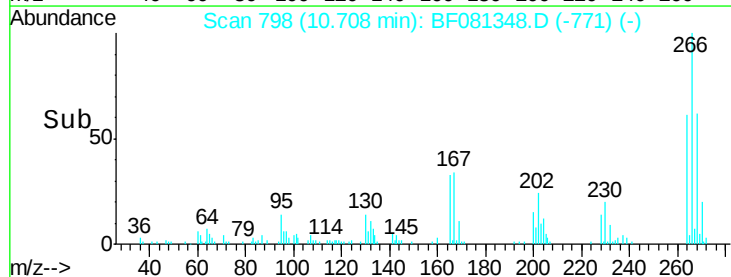
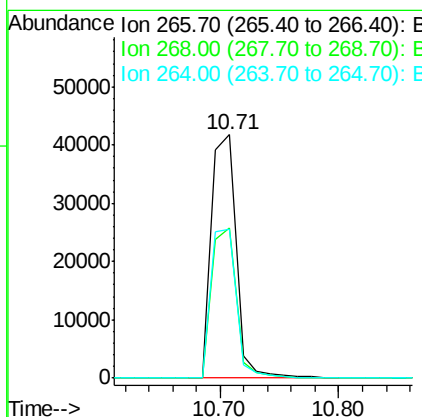
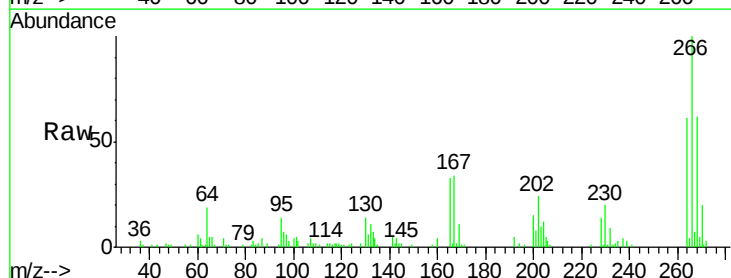
Manual Integrations
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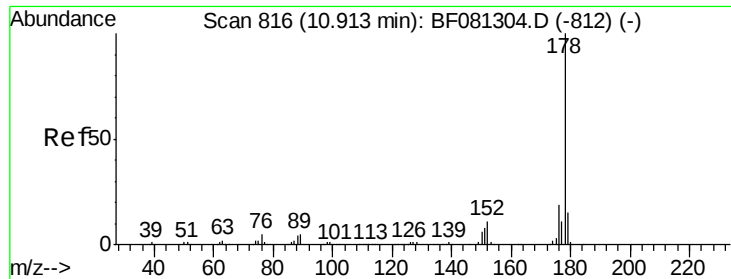
MMDadoda
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#69
Pentachlorophenol
Concen: 57.78 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	49.8	74.6
264	61.0	50.2	75.2





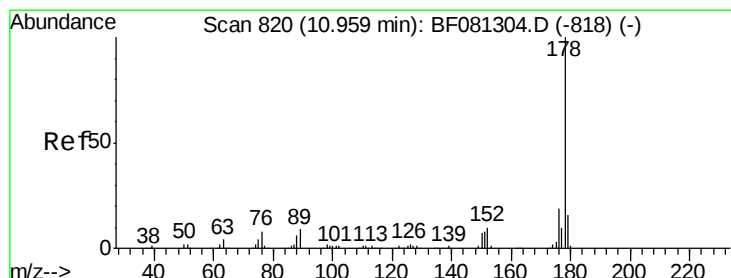
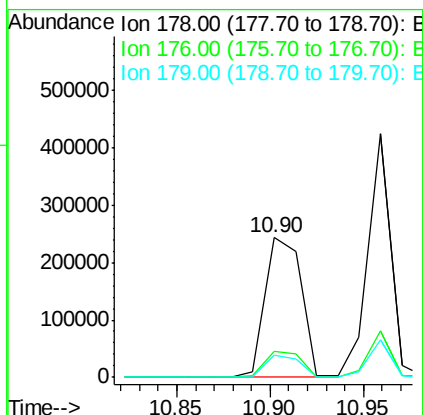
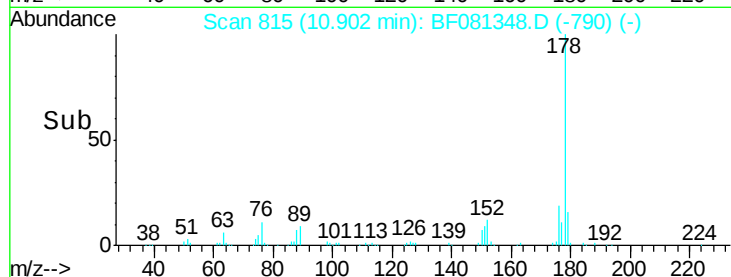
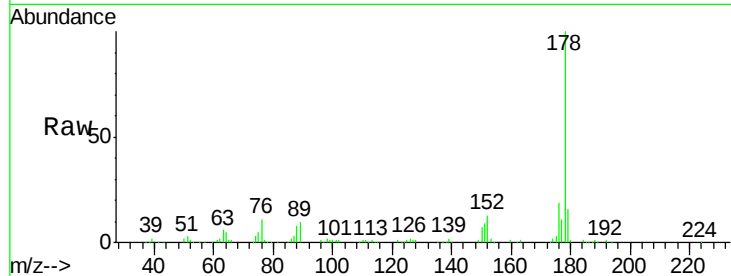
#70
Phenanthrene
Concen: 27.72 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	13.8	20.8
179	15.5	12.2	18.2

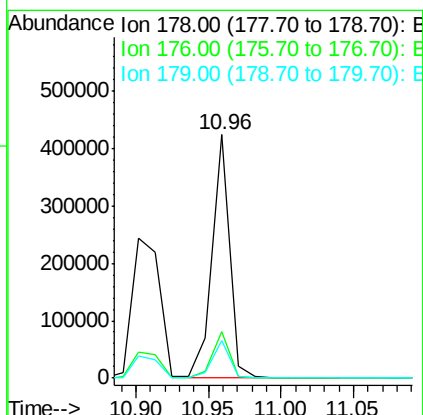
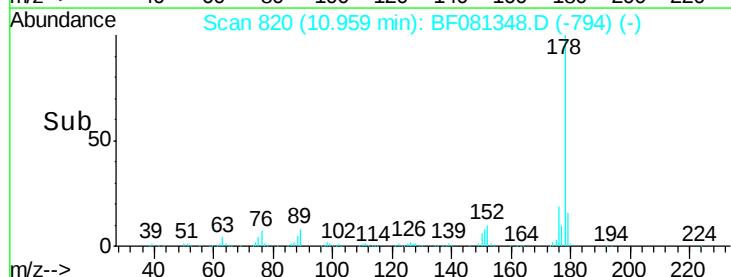
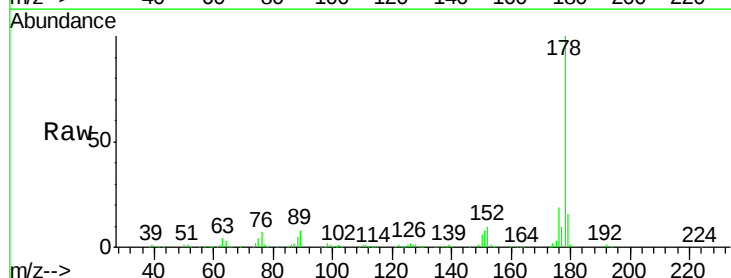
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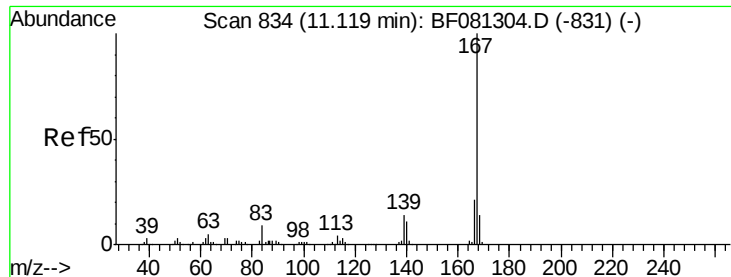
MMDadoda
9/3/2015 1:43:47 PM



#71
Anthracene
Concen: 29.24 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.6	12.2	18.2





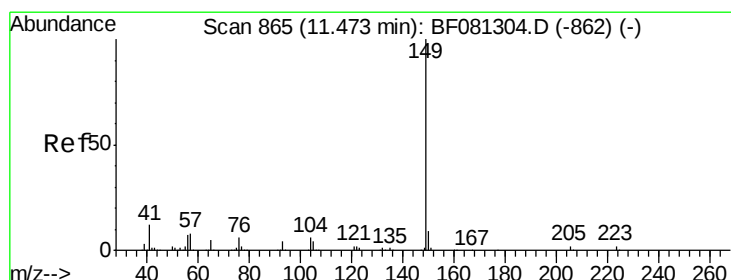
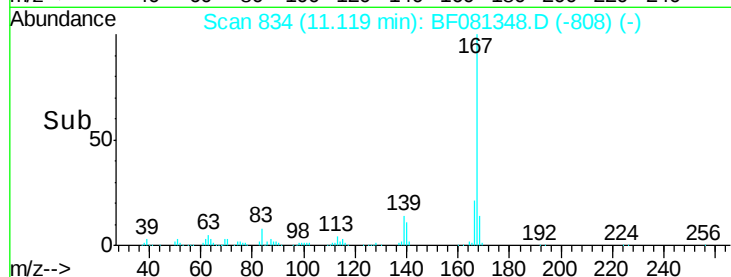
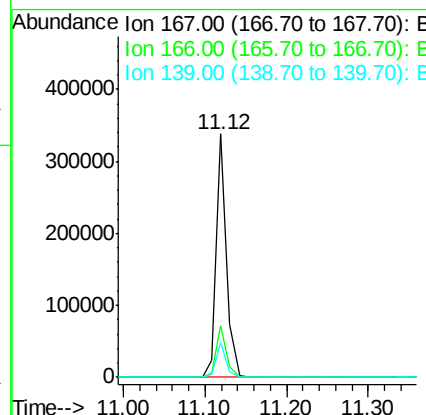
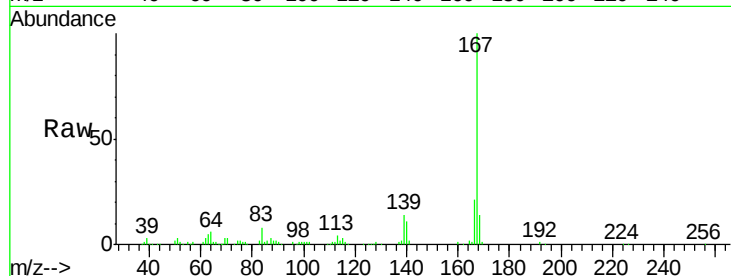
#72
 Carbazole
 Concen: 26.52 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	14.2	9.5	14.3

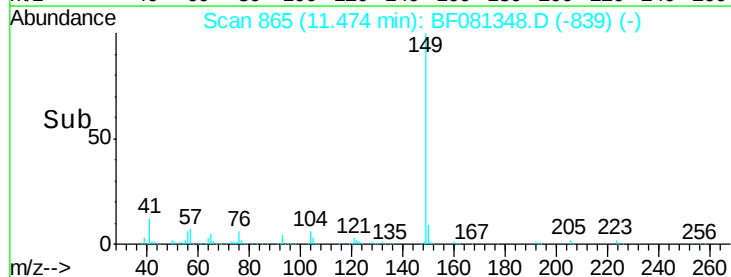
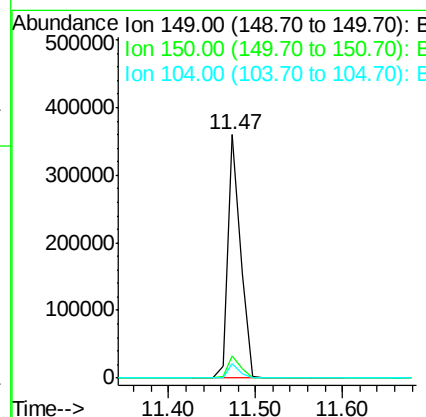
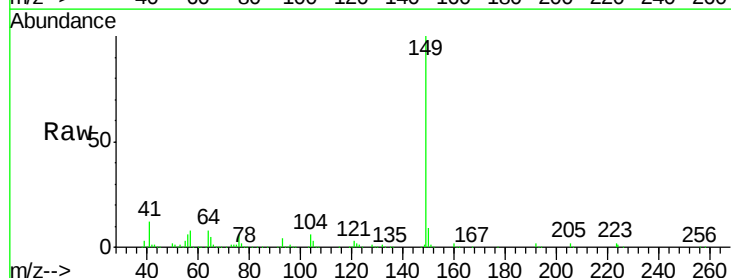
Manual Integrations
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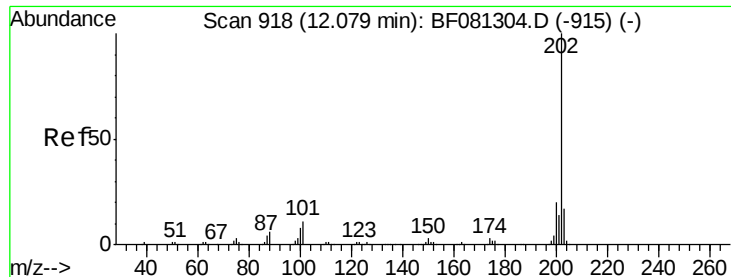
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 9/3/2015 1:43:47 PM



#73
 Di-n-butylphthalate
 Concen: 27.45 ng
 RT: 11.47 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.8	2.4	3.6#





#74

Fluoranthene

Concen: 26.07 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081348.D

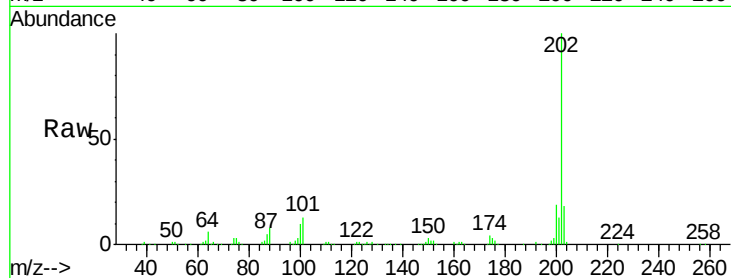
Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

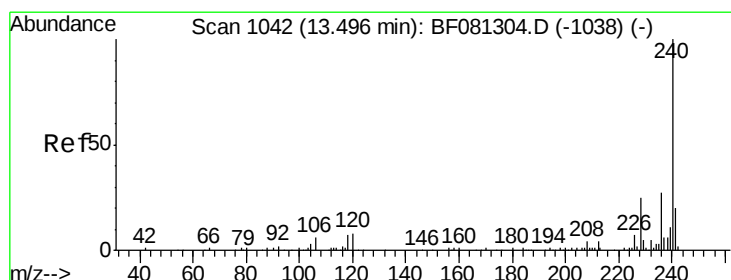
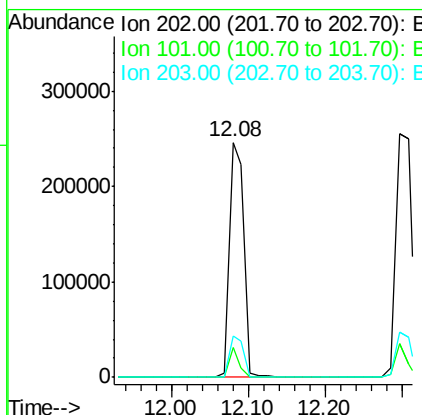
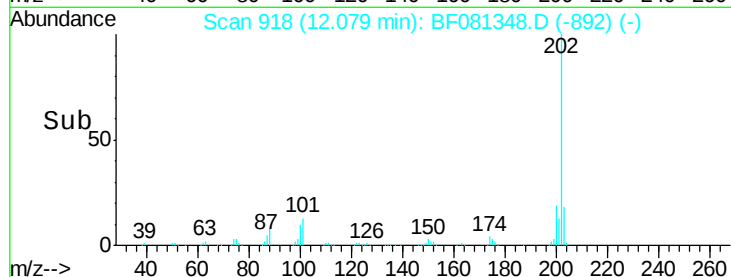
COFF-2-20(0-2)MS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	334218		
101	12.9	0.0	38.3	
203	17.8	0.0	37.3	

Manual Integrations
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#75

Chrysene-d12

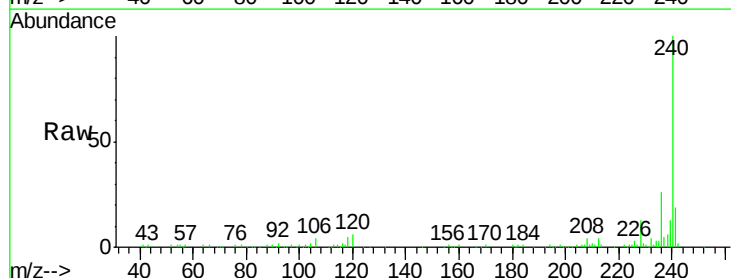
Concen: 20.00 ng

RT: 13.50 min Scan# 1042

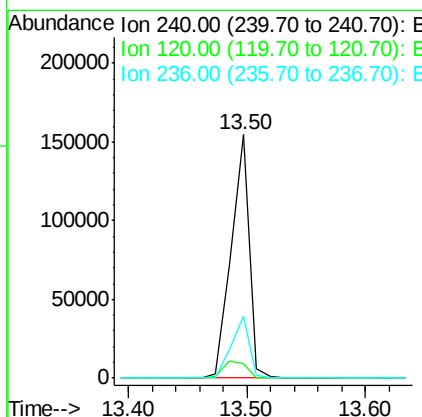
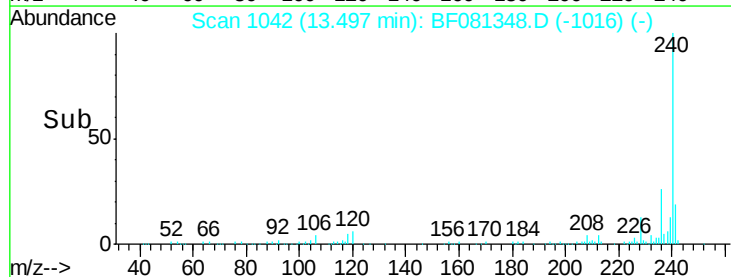
Delta R.T. 0.00 min

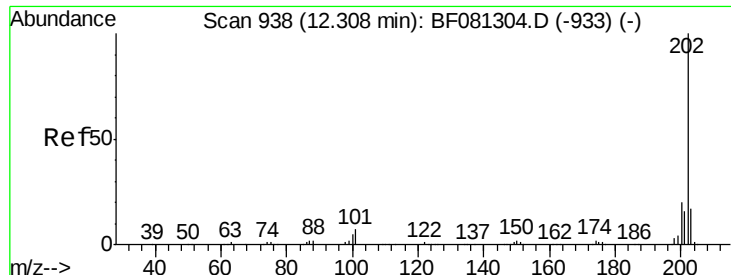
Lab File: BF081348.D

Acq: 2 Sep 2015 14:58



Tgt Ion	Ratio	Resp	Lower	Upper
240	100	162508		
120	6.2	16.2	24.2#	
236	25.6	18.4	27.6	





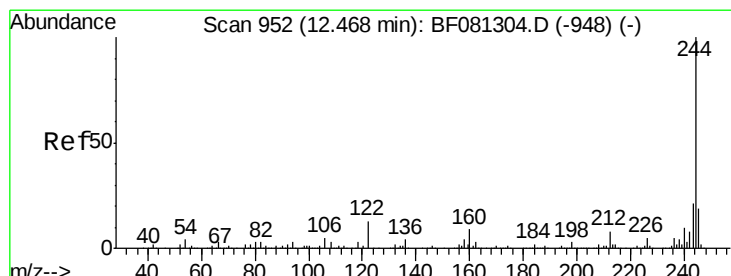
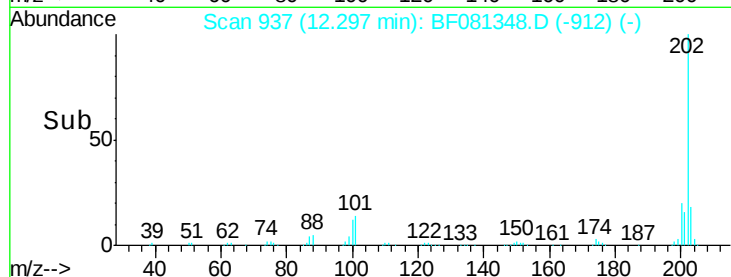
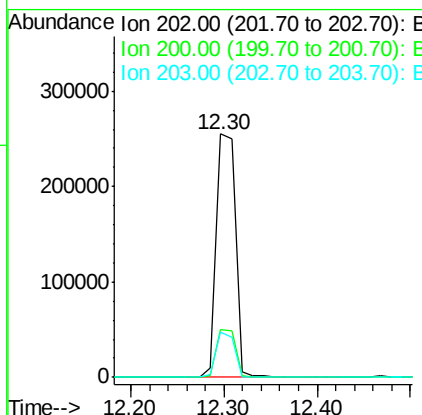
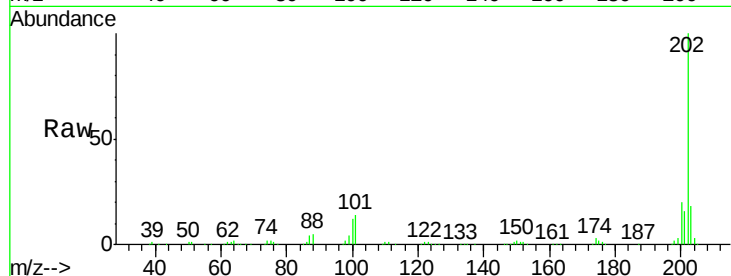
#77
 Pyrene
 Concen: 30.04 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.6	15.0	22.4
203	18.4	14.1	21.1

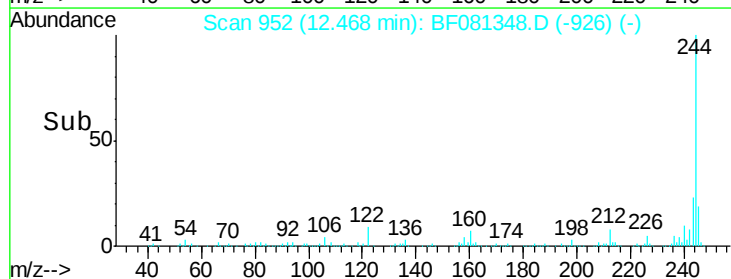
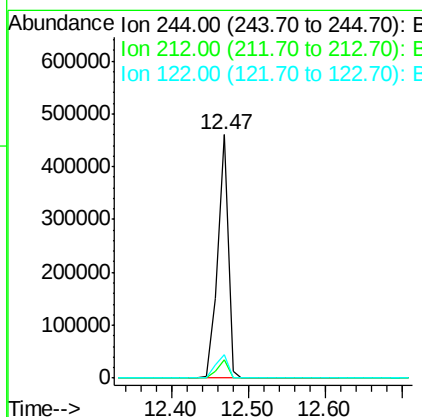
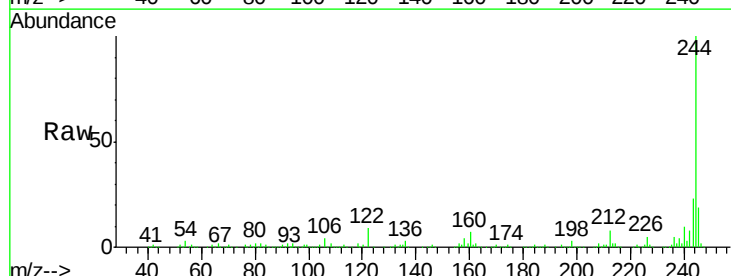
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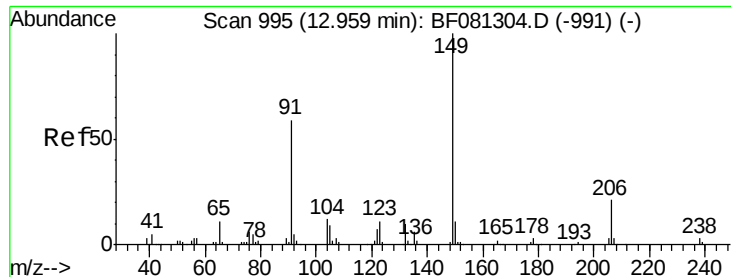
MMDadoda
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#78
 Terphenyl-d14
 Concen: 62.22 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	4.3	6.5#
122	9.4	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 28.53 ng

RT: 12.95 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

ClientSampleId :

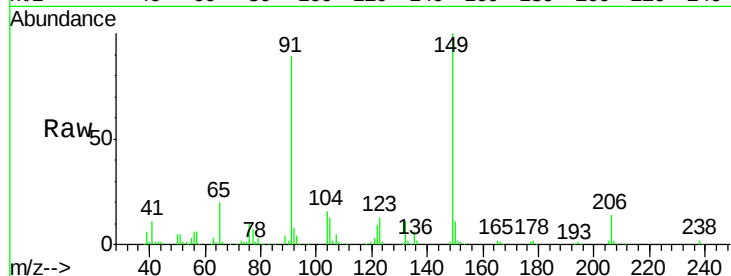
COFF-2-20(0-2)MS

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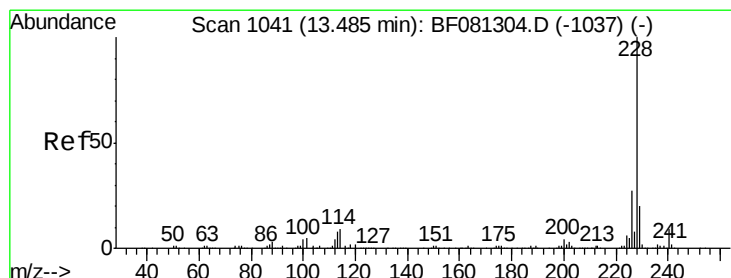
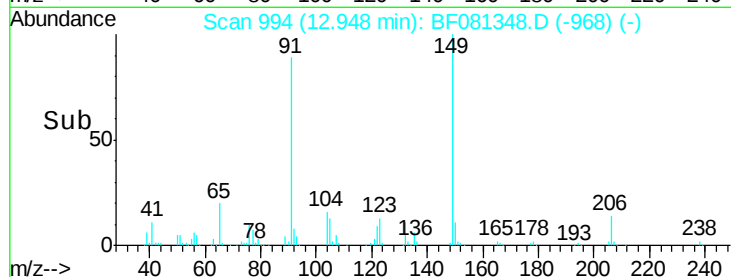
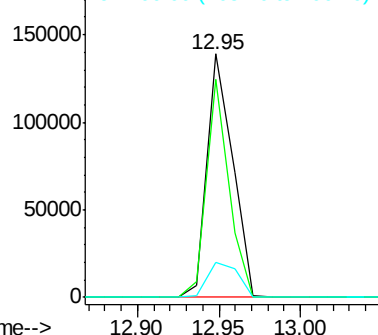
Tgt Ion:	149	Resp:	149371
Ion Ratio	Lower	Upper	
149	100		
91	89.3	48.6	72.8#
206	14.3	14.9	22.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 26.94 ng

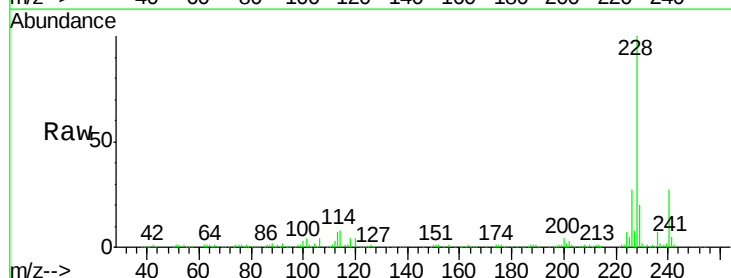
RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

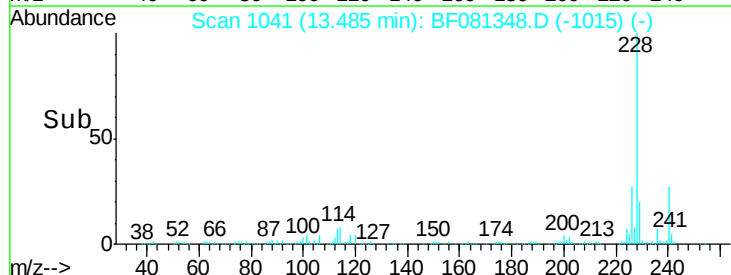
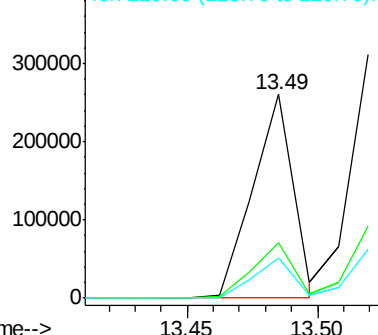
Tgt Ion:	228	Resp:	278781
Ion Ratio	Lower	Upper	
228	100		
226	27.4	20.0	30.0
229	19.6	15.4	23.2

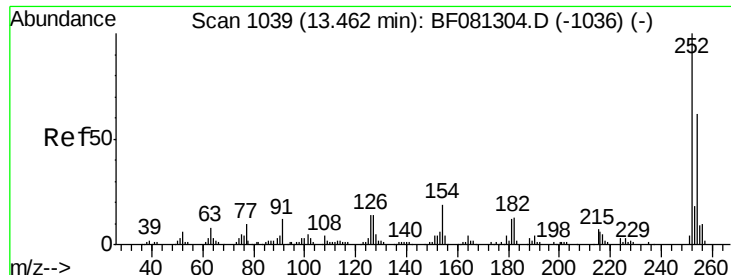


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





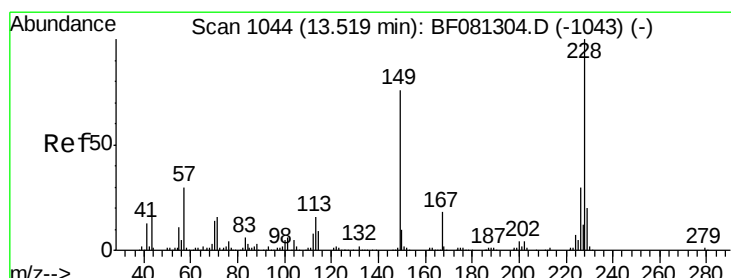
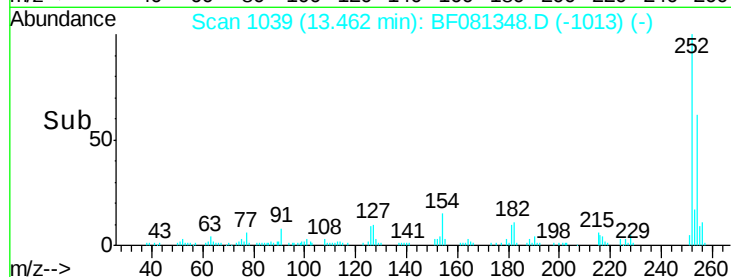
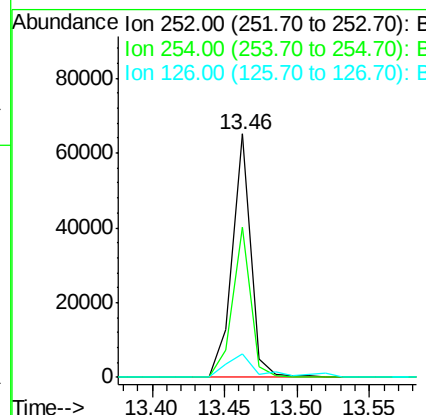
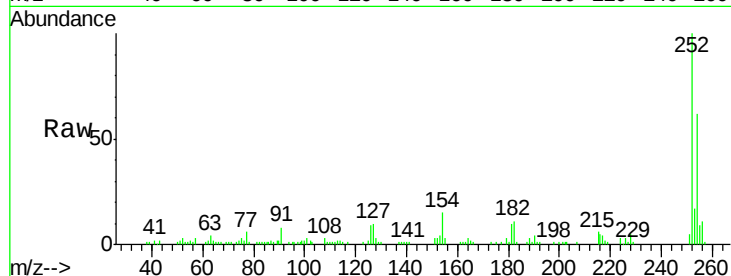
#81
 3,3'-Dichlorobenzidine
 Concen: 16.52 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.6	51.4	77.2
126	9.4	16.4	24.6

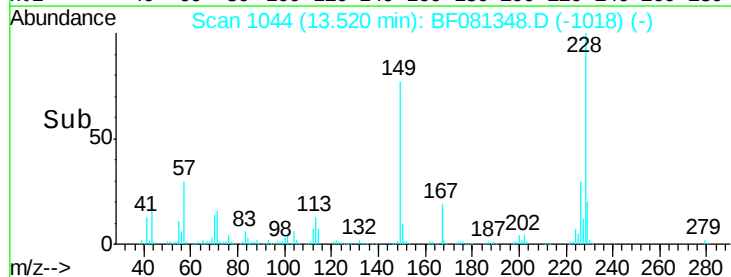
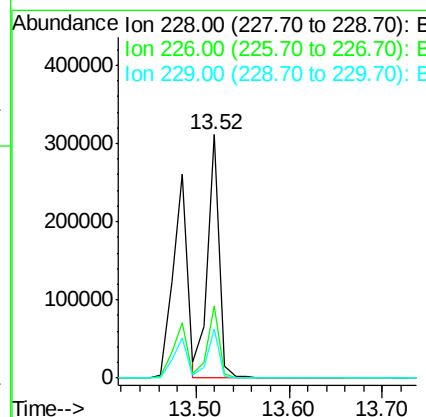
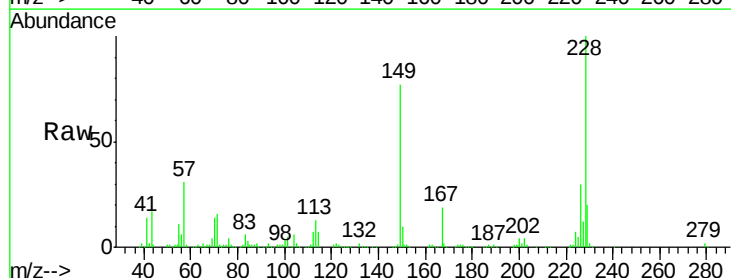
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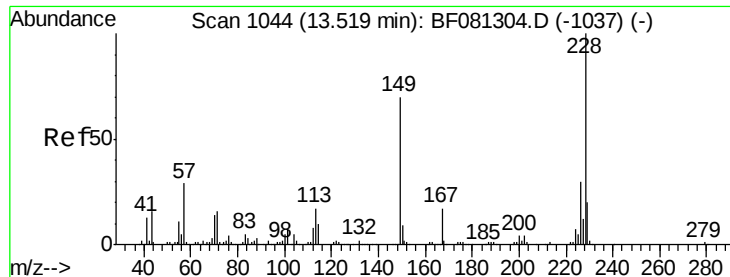
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#82
 Chrysene
 Concen: 29.50 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.6	21.0	31.4
229	20.1	15.6	23.4





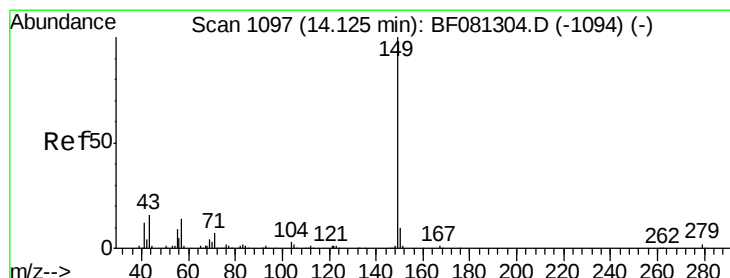
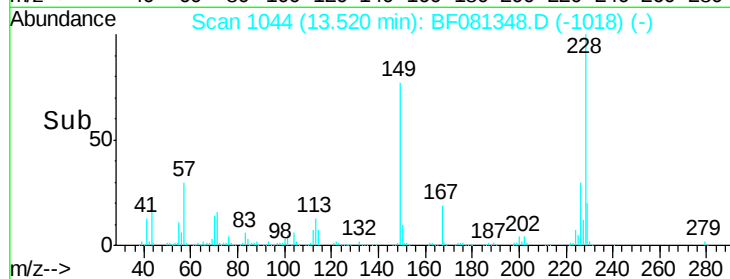
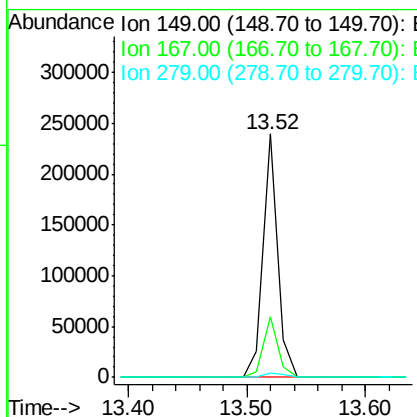
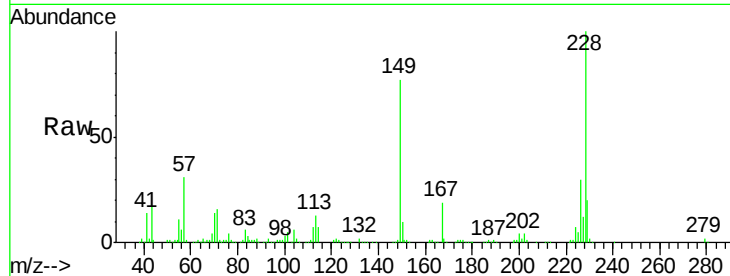
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.22 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	208768		
167	24.7	24.2	36.2	
279	2.0	3.8	5.6#	

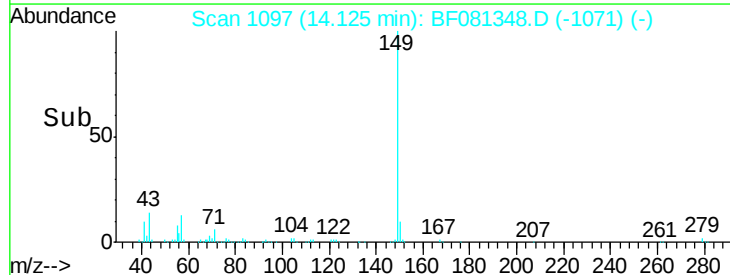
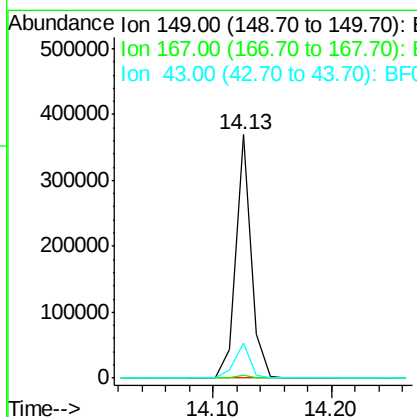
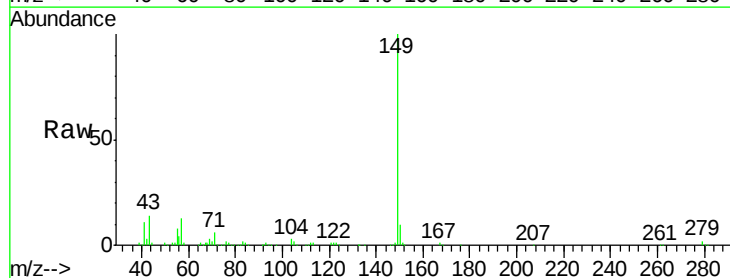
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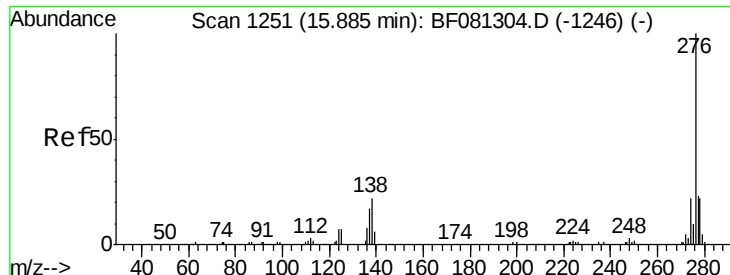
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#84
 Di-n-octyl phthalate
 Concen: 29.17 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	331888		
167	1.4	1.0	1.6	
43	14.8	10.2	15.2	





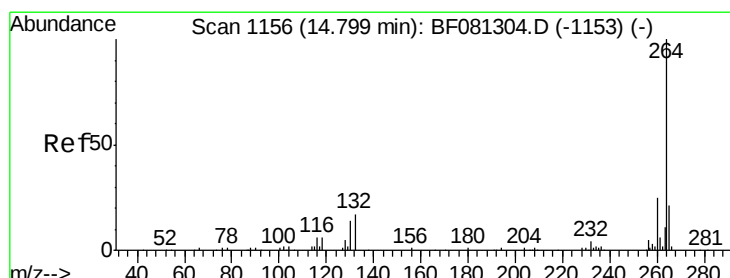
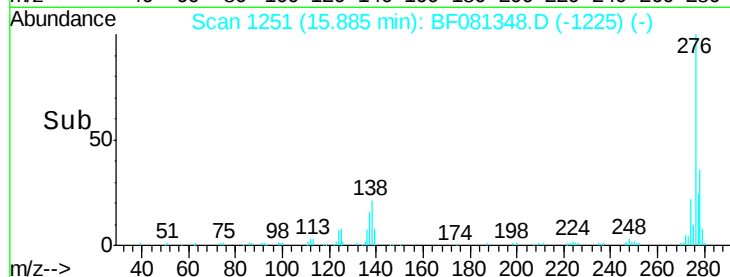
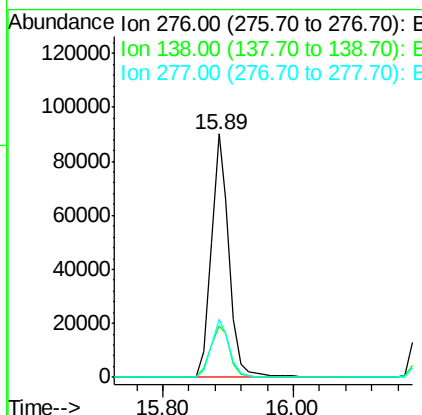
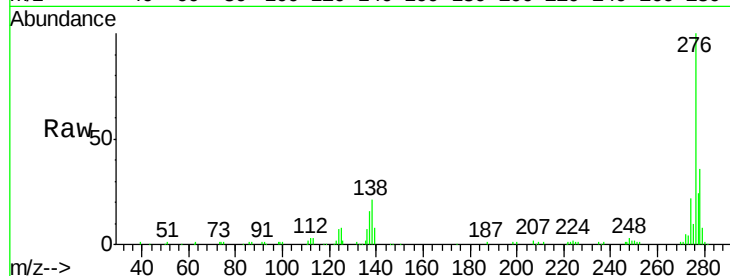
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.16 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.7	38.5#
277	23.9	15.6	23.4#

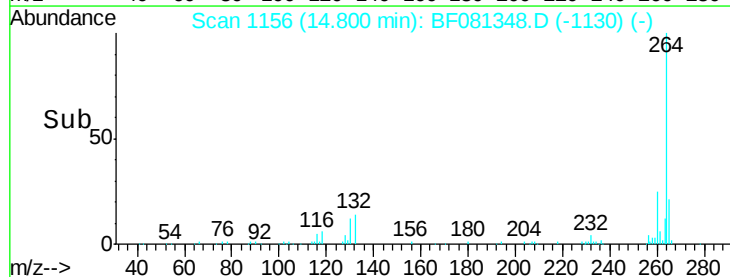
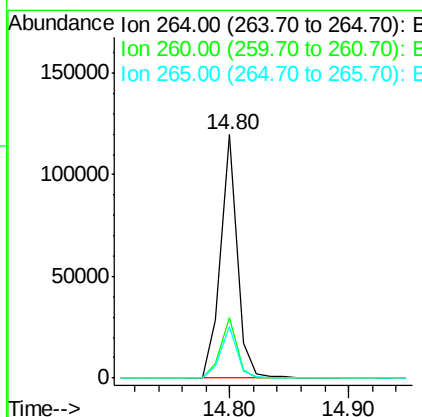
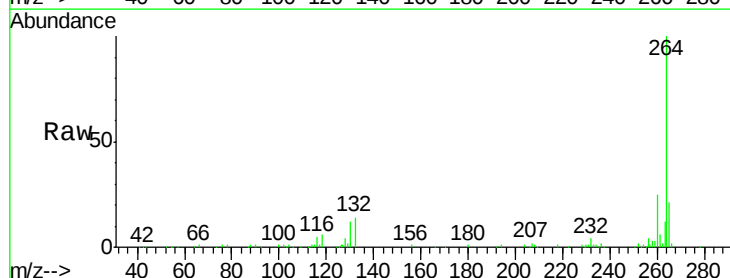
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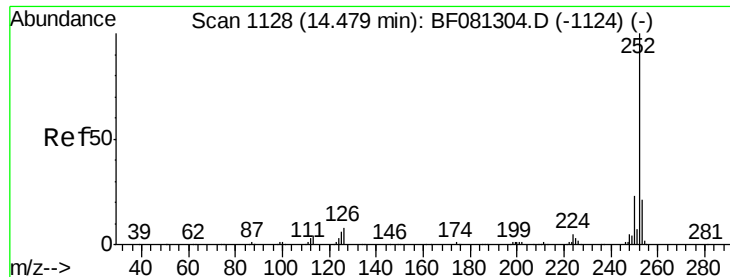
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 24.00 ng m

RT: 14.47 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Instrument :

BNA_F

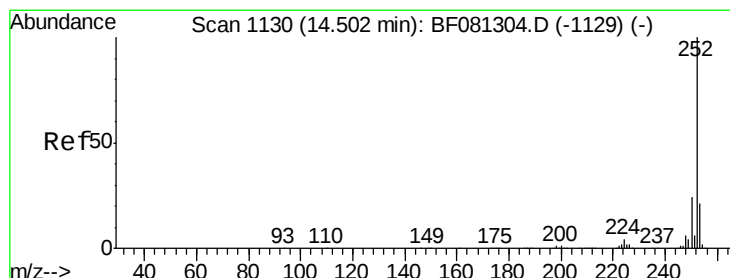
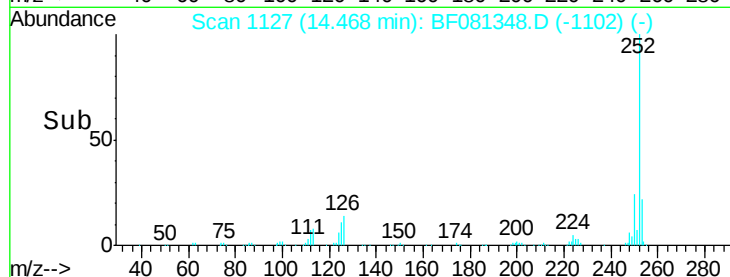
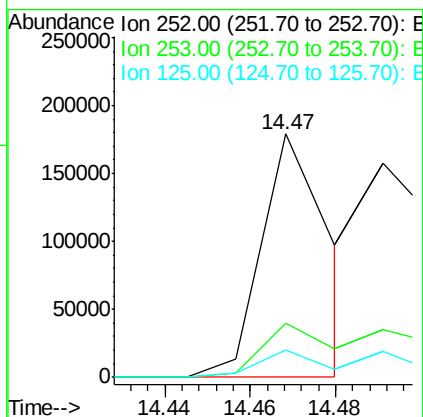
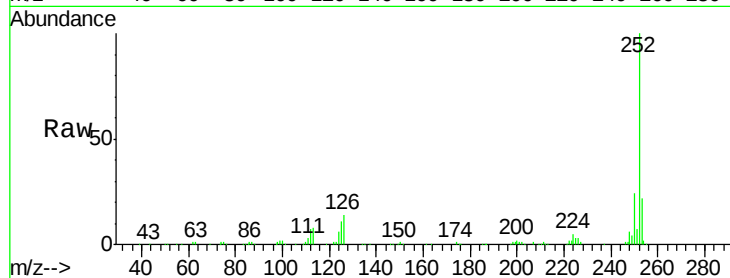
ClientSampleId :

COFF-2-20(0-2)MS

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.0	17.1	25.7



#88

Benzo(k)fluoranthene

Concen: 28.84 ng m

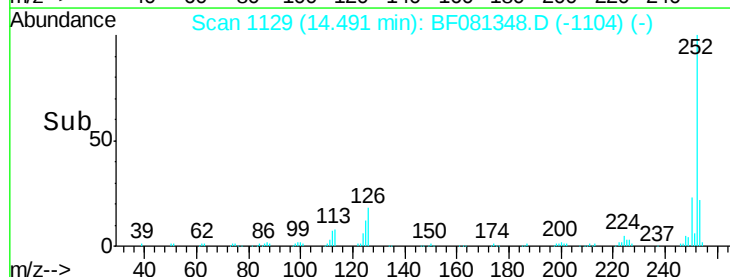
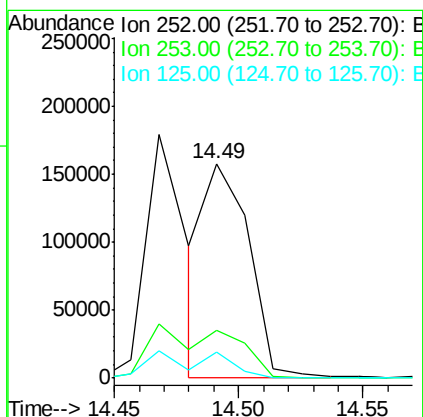
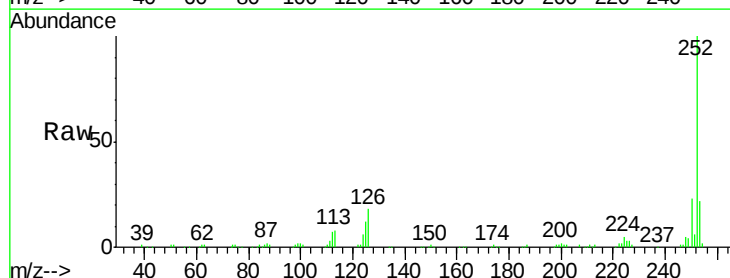
RT: 14.49 min Scan# 1129

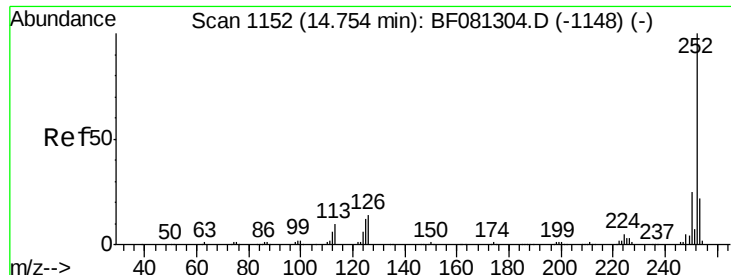
Delta R.T. -0.01 min

Lab File: BF081348.D

Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	12.0	16.0	24.0





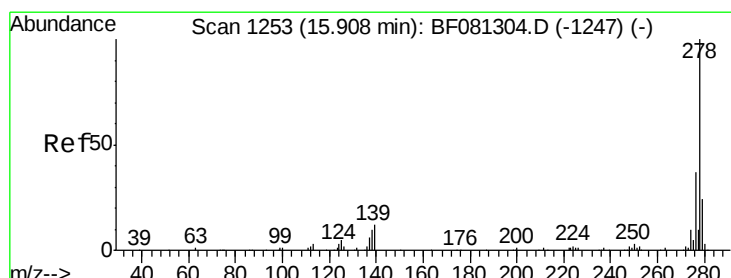
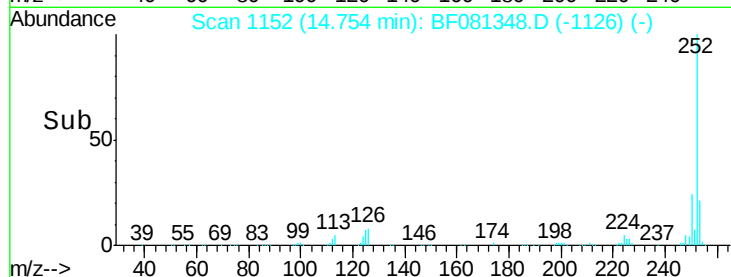
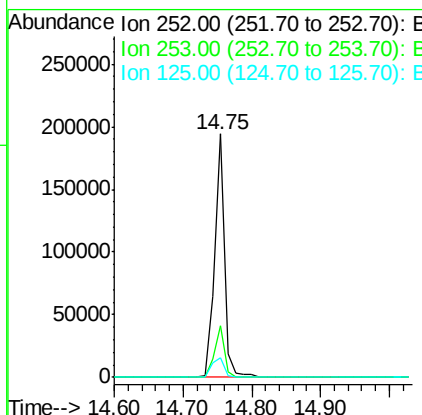
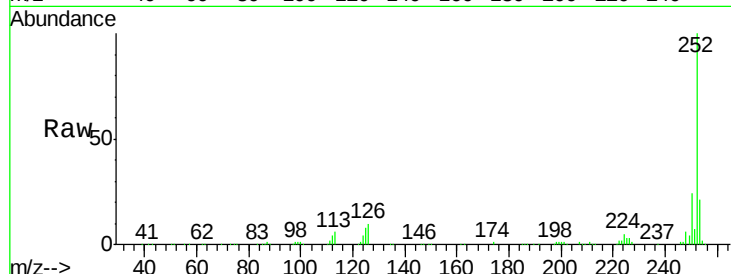
#89
Benzo(a)pyrene
Concen: 28.28 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.4	17.2	25.8
125	7.8	18.0	27.0

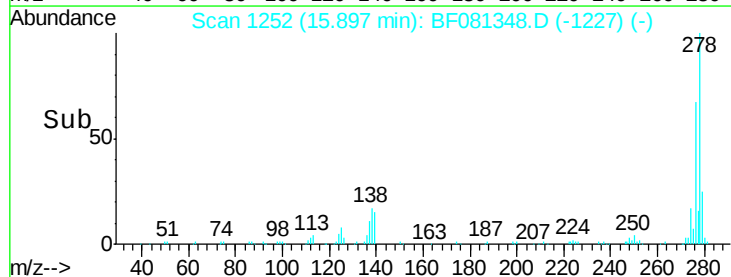
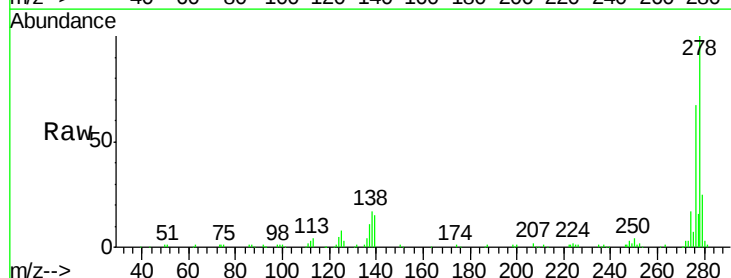
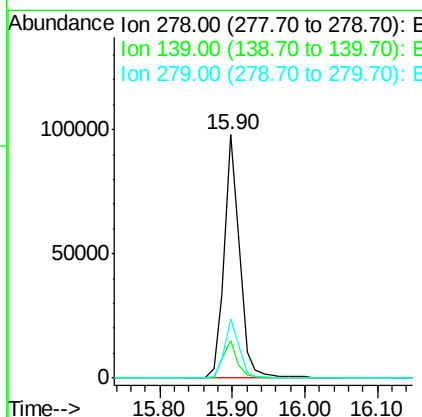
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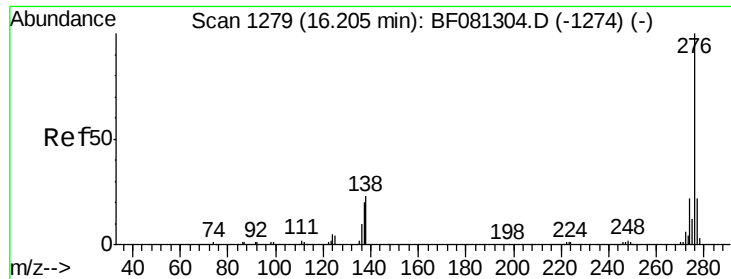
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#90
Dibenzo(a,h)anthracene
Concen: 26.82 ng
RT: 15.90 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF081348.D
Acq: 2 Sep 2015 14:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.2	26.3	39.5
279	24.5	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 26.78 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF081348.D
 Acq: 2 Sep 2015 14:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)MS

Tgt Ion:	276	Resp:	138881
Ion Ratio		Lower	Upper
276	100		
277	22.6	17.8	26.6
138	18.5	34.6	51.8#

Manual Integrations
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