

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082780.D
 Acq On : 7 Nov 2015 00:20
 Operator : UM/IZ
 Sample : G4258-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:33 PM

Quant Time: Nov 07 03:50:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	252743	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	938755	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	501094	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	917234	20.00	ng	0.00
75) Chrysene-d12	14.01	240	667997	20.00	ng	-0.01
86) Perylene-d12	15.44	264	714891	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2028263	124.86	ng	0.01
7) Phenol-d6	6.49	99	2968169	137.45	ng	0.01
23) Nitrobenzene-d5	7.41	82	1935023	89.69	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	653952	113.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2720604	77.82	ng	0.00
78) Terphenyl-d14	12.96	244	2816602	100.01	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	306704	43.76	ng	97
3) Pyridine	3.22	79	835409	41.08	ng	91
4) n-Nitrosodimethylamine	3.16	42	424827	42.12	ng	# 66
6) Aniline	6.51	93	755682	24.92	ng	# 67
8) 2-Chlorophenol	6.64	128	786037	43.65	ng	83
9) Benzaldehyde	6.38	77	103694	8.69	ng	95
10) Phenol	6.50	94	977467	39.89	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	862246	47.06	ng	90
12) 1,3-Dichlorobenzene	6.80	146	878875m	43.27	ng	
13) 1,4-Dichlorobenzene	6.86	146	836367	39.58	ng	98
14) 1,2-Dichlorobenzene	7.02	146	847798	44.12	ng	100
15) Benzyl Alcohol	6.99	79	822665	43.38	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1339398	49.83	ng	95
17) 2-Methylphenol	7.12	107	785358	51.49	ng	94
18) Hexachloroethane	7.37	117	311774	41.25	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	695206	43.79	ng	# 85
20) 3+4-Methylphenols	7.26	107	808459	40.77	ng	98
22) Acetophenone	7.26	105	1126333	41.87	ng	# 89
24) Nitrobenzene	7.44	77	1050678	47.62	ng	95
25) Isophorone	7.68	82	1810851	45.36	ng	98
26) 2-Nitrophenol	7.76	139	475088	51.59	ng	# 58
27) 2,4-Dimethylphenol	7.79	122	813554	49.17	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	1171962	52.05	ng	98
29) 2,4-Dichlorophenol	8.00	162	742156	49.63	ng	91
30) 1,2,4-Trichlorobenzene	8.08	180	732500	43.55	ng	99
31) Naphthalene	8.16	128	2137911	41.28	ng	99
32) Benzoic acid	7.90	122	268403	23.69	ng	86
33) 4-Chloroaniline	8.20	127	298722	13.38	ng	# 91
34) Hexachlorobutadiene	8.28	225	417943	39.71	ng	99
35) Caprolactam	8.58	113	279995m	59.39	ng	
36) 4-Chloro-3-methylphenol	8.69	107	834102	47.43	ng	89
37) 2-Methylnaphthalene	8.85	142	1531933	45.72	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	742917	45.12	ng	98
40) Hexachlorocyclopentadiene	9.01	237	762130	86.15	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	533704	43.42	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	524242	43.12	nq	92
45) 1,1'-Biphenyl	9.32	154	1866363	43.41	nq	99
46) 2-Chloronaphthalene	9.34	162	1530786	45.64	nq	96
47) 2-Nitroaniline	9.44	65	574712	46.19	nq #	47
48) Acenaphthylene	9.76	152	2290730	43.58	nq	99
49) Dimethylphthalate	9.62	163	2269807	55.29	nq	99
50) 2,6-Dinitrotoluene	9.68	165	375861	42.91	nq	97
51) Acenaphthene	9.93	154	1583029	47.52	nq	99
52) 3-Nitroaniline	9.84	138	189112	19.63	nq #	87
53) 2,4-Dinitrophenol	9.95	184	397528	82.65	nq #	14
54) Dibenzofuran	10.10	168	1957083	43.57	nq	93
55) 4-Nitrophenol	10.01	139	651012	88.08	nq	82
56) 2,4-Dinitrotoluene	10.08	165	541518	45.56	nq	96
57) Fluorene	10.44	166	1564024	43.00	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	443574	44.71	nq #	86
59) Diethylphthalate	10.33	149	1769852	44.15	nq	96
60) 4-Chlorophenyl-phenylether	10.43	204	684121	37.59	nq #	85
61) 4-Nitroaniline	10.45	138	417731	43.12	nq #	79
62) Azobenzene	10.59	77	1921660	44.63	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	295697	45.25	nq #	73
65) n-Nitrosodiphenylamine	10.56	169	1503487	45.37	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	458685	41.53	nq #	81
67) Hexachlorobenzene	10.99	284	505565	41.00	nq #	78
68) Atrazine	11.08	200	449108	43.83	nq	95
69) Pentachlorophenol	11.18	266	656996	87.73	nq	100
70) Phenanthrene	11.40	178	2372567	44.54	nq	98
71) Anthracene	11.45	178	2208255	39.36	nq	99
72) Carbazole	11.61	167	2308504	47.00	nq	97
73) Di-n-butylphthalate	11.94	149	2486752	40.64	nq	99
74) Fluoranthene	12.58	202	2443216	42.74	nq	95
76) Benzidine	12.70	184	929944	41.54	nq	99
77) Pyrene	12.81	202	2370356	51.67	nq	99
79) Butylbenzylphthalate	13.44	149	1085270	53.55	nq	100
80) Benzo(a)anthracene	14.00	228	2105849	50.41	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	453993	30.57	nq #	97
82) Chrysene	14.04	228	2161138	56.49	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1479005	53.32	nq #	97
84) Di-n-octyl phthalate	14.61	149	2464795	53.27	nq	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	1838602	55.80	nq #	95
87) Benzo(b)fluoranthene	15.03	252	2391132m	52.11	nq	
88) Benzo(k)fluoranthene	15.06	252	1389653m	34.14	nq	
89) Benzo(a)pyrene	15.38	252	1824965	45.90	nq	98
90) Dibenzo(a,h)anthracene	16.84	278	1497306	44.48	nq #	96
91) Benzo(g,h,i)perylene	17.24	276	1517406	47.06	nq #	95

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

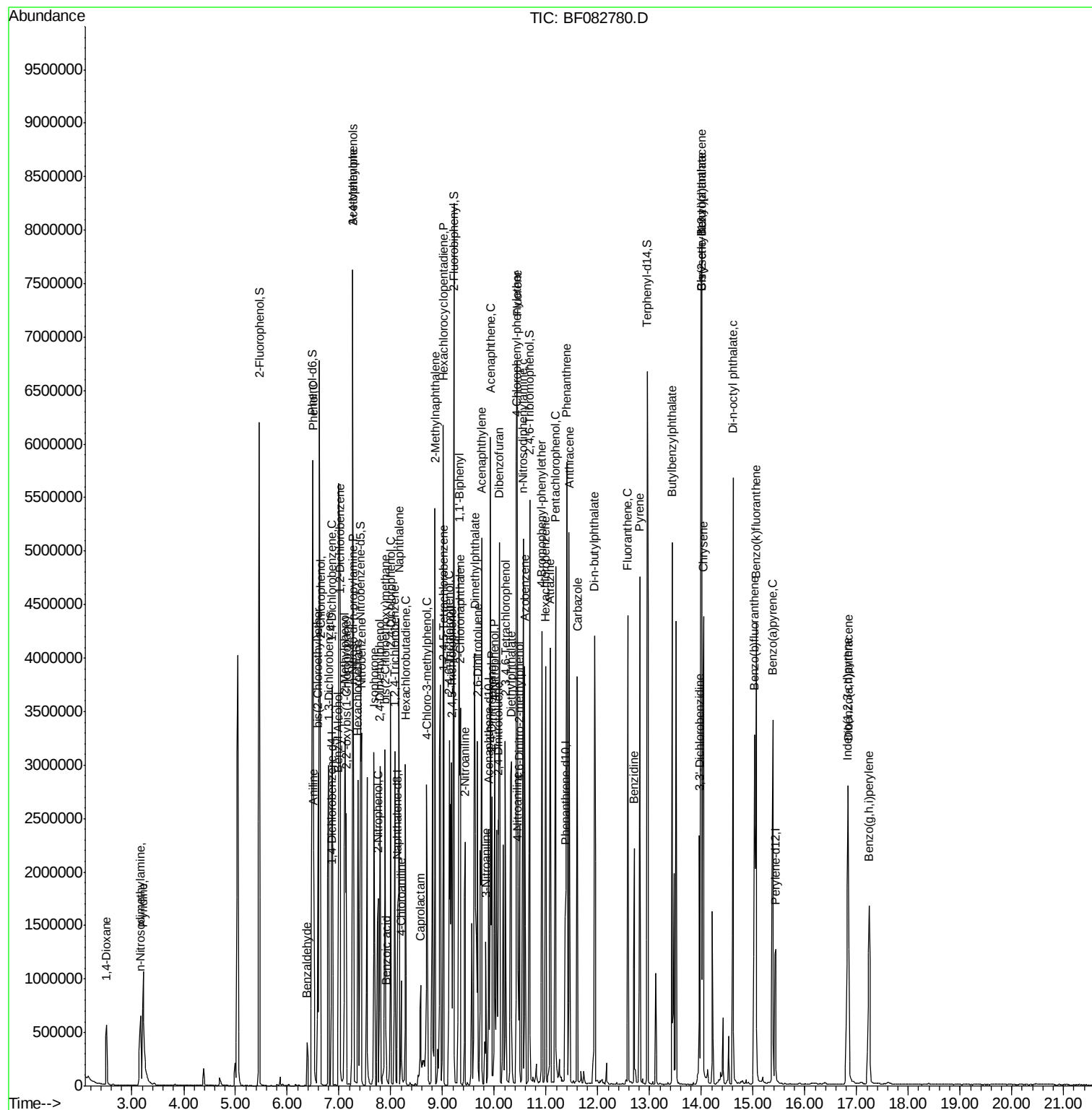
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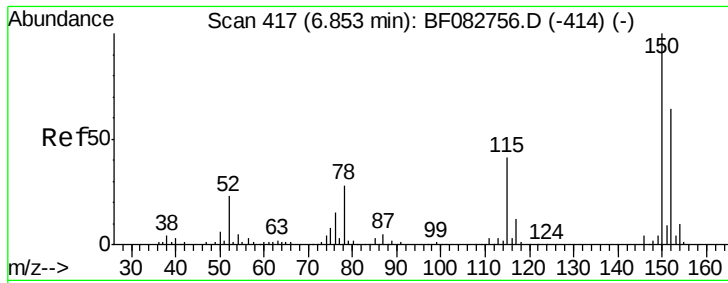
Instrument :
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#1

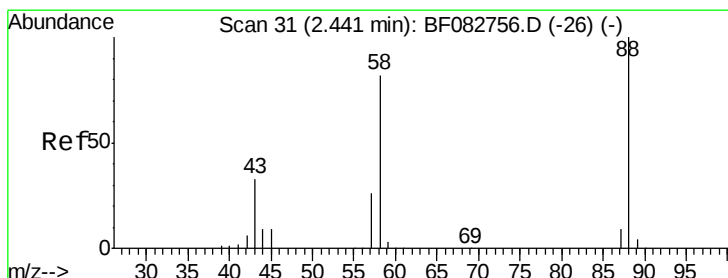
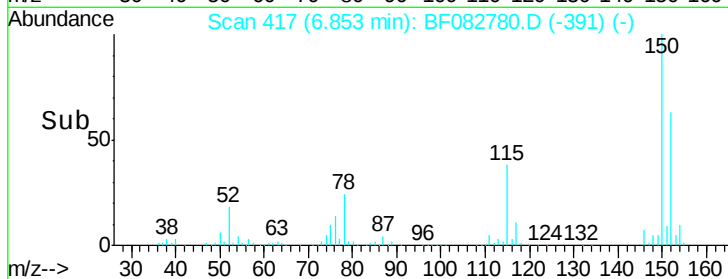
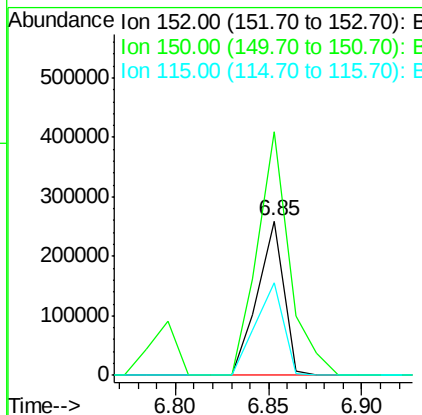
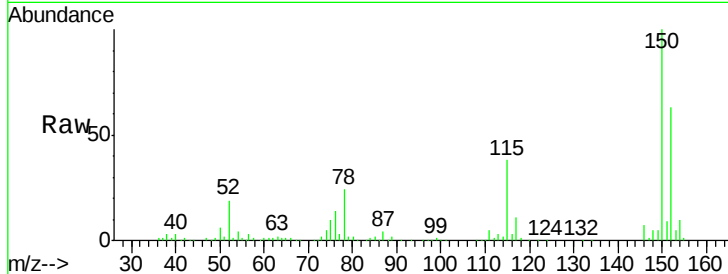
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.0	190.4
115	59.6	47.0	70.6

Manual Integrations
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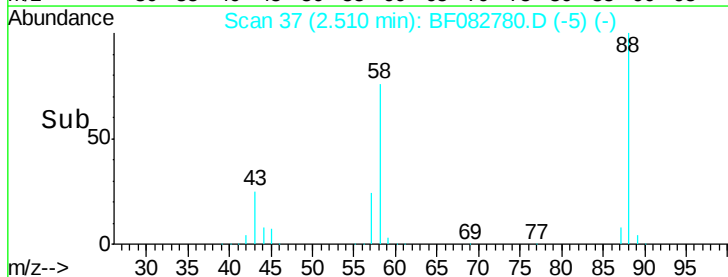
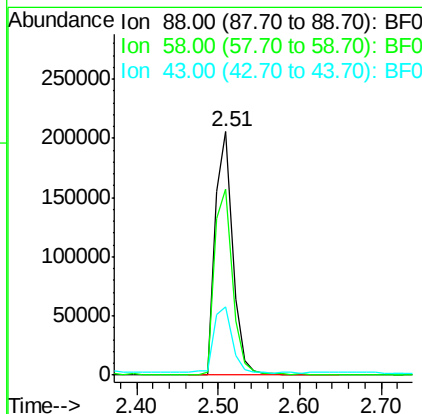
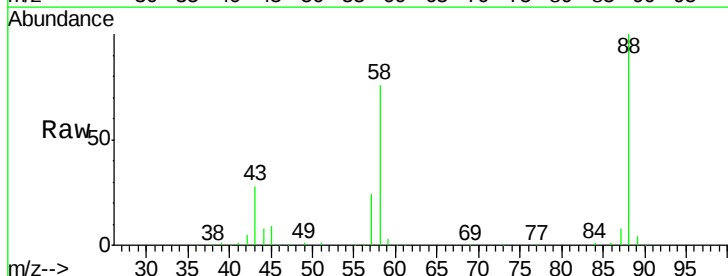
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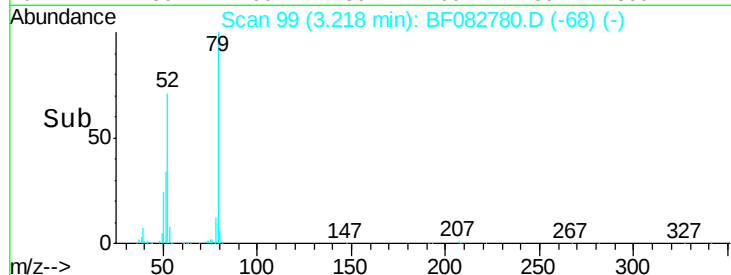
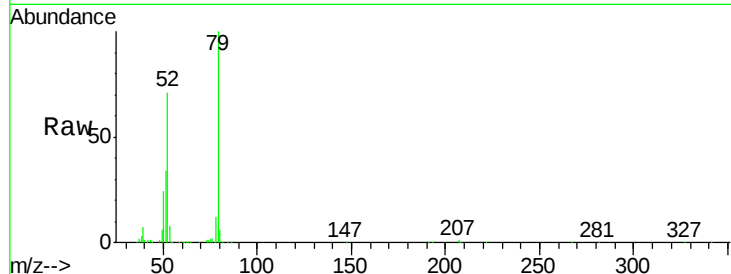
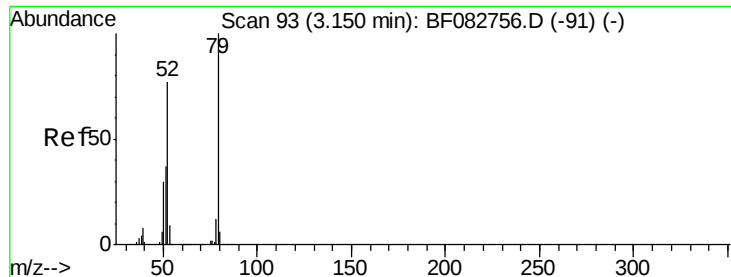


#2

1,4-Dioxane
Concen: 43.76 ng
RT: 2.51 min Scan# 37
Delta R.T. 0.07 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.6	62.0	93.0
43	29.5	26.6	40.0





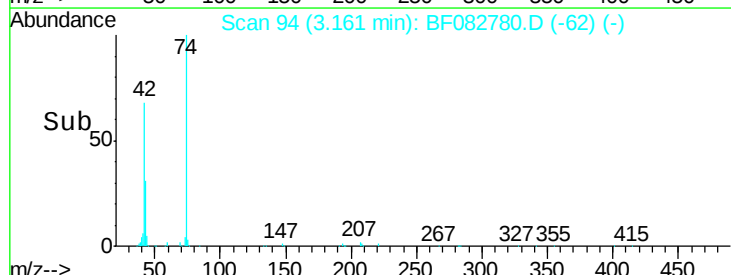
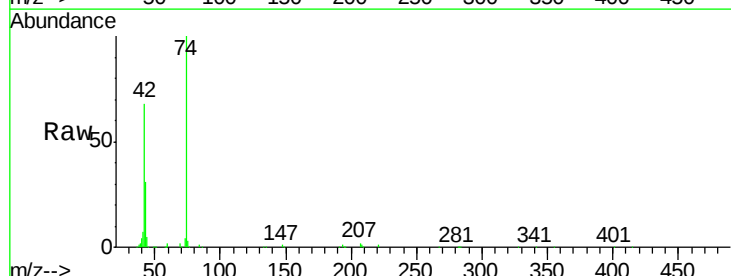
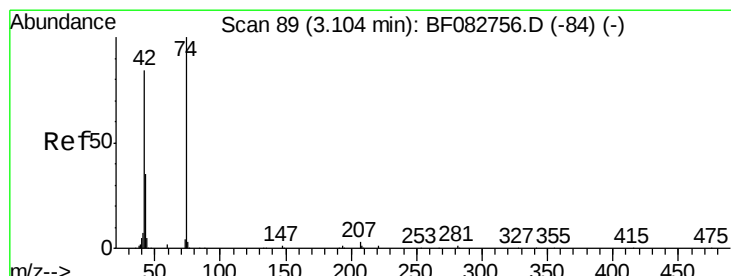
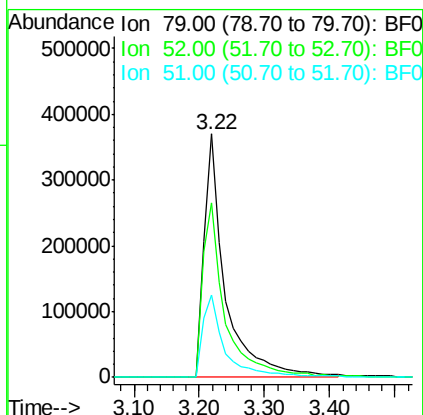
#3
 Pvridine
 Concen: 41.08 ng
 RT: 3.22 min Scan# 99
 Delta R.T. 0.06 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.5	62.8	94.2
51	33.8	32.0	48.0

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

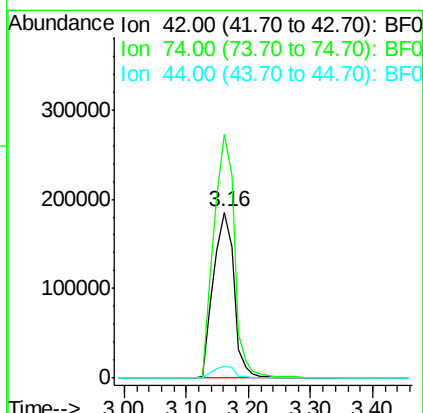
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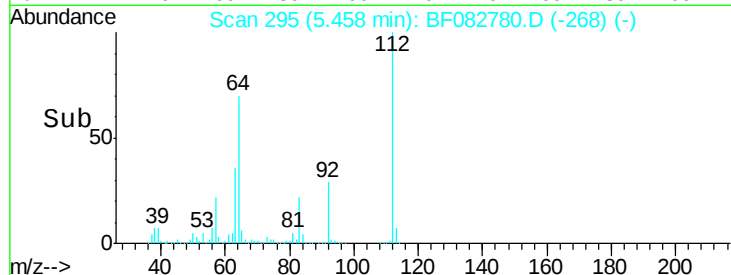
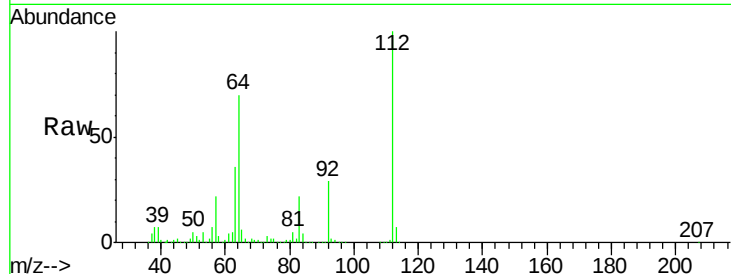
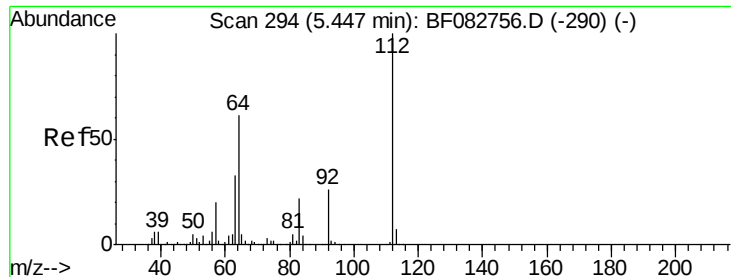
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#4
 n-Nitrosodimethylamine
 Concen: 42.12 ng
 RT: 3.16 min Scan# 94
 Delta R.T. 0.07 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.6	87.0	130.4#
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 124.86 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082780.D

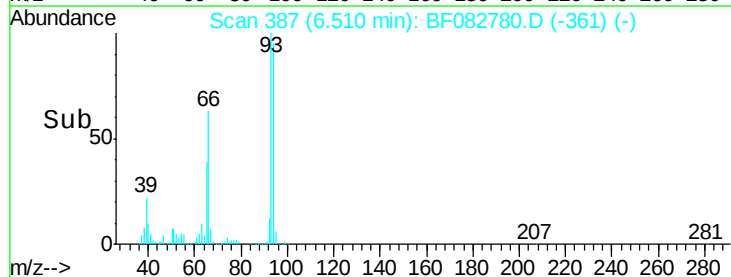
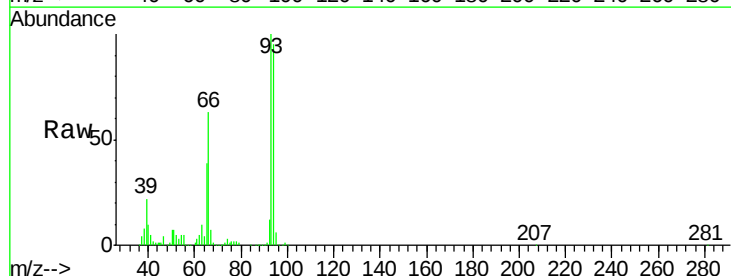
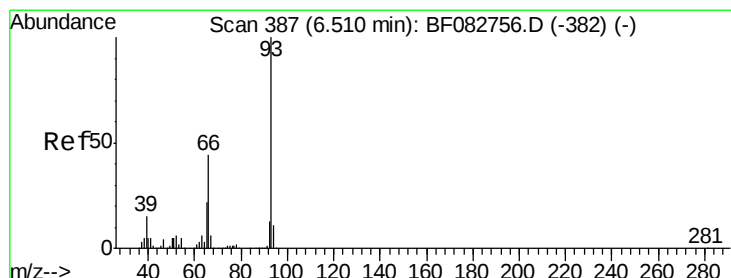
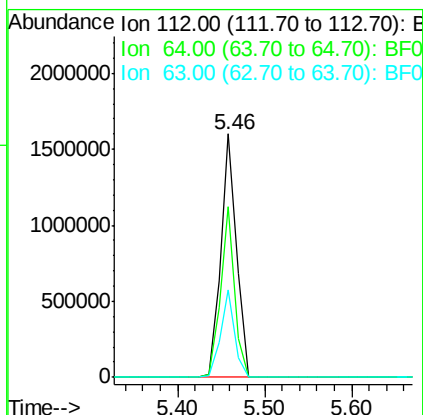
Acq: 7 Nov 2015 00:20

Tot Ion	Ion	Ratio	Lower	Upper
2028263	112	100		
	64	70.0	48.9	73.3
	63	35.9	28.1	42.1

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BNA_F
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COFF-WP11-1(0-2)MS

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#6

Aniline

Concen: 24.92 ng

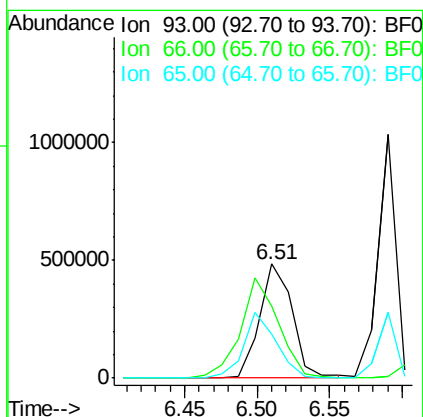
RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Tgt Ion	Ion	Ratio	Lower	Upper
755682	93	100		
	66	63.0	33.6	50.4#
	65	38.7	18.1	27.1#





#7

Phenol-d6

Concen: 137.45 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion: 99 Resp: 2968169

Ion Ratio Lower Upper

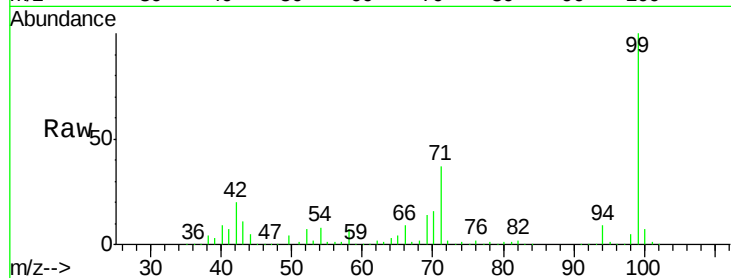
99 100

42 19.6 19.2 28.8

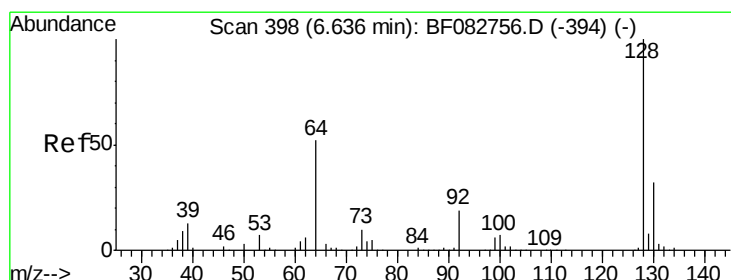
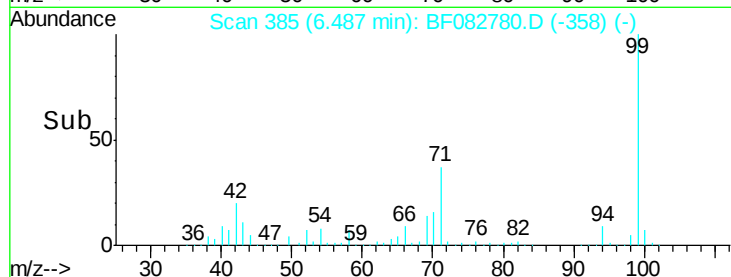
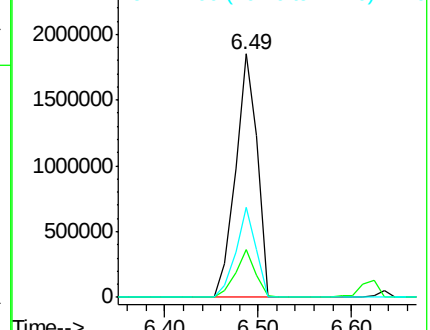
71 36.8 35.0 52.4

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.65 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

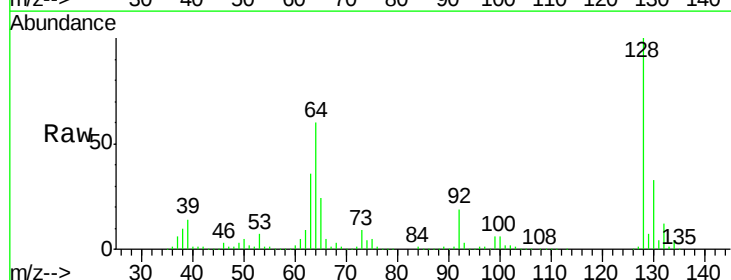
Tgt Ion: 128 Resp: 786037

Ion Ratio Lower Upper

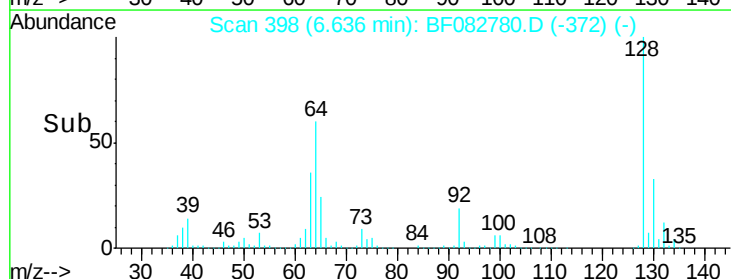
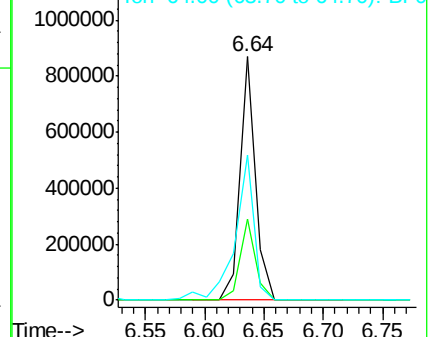
128 100

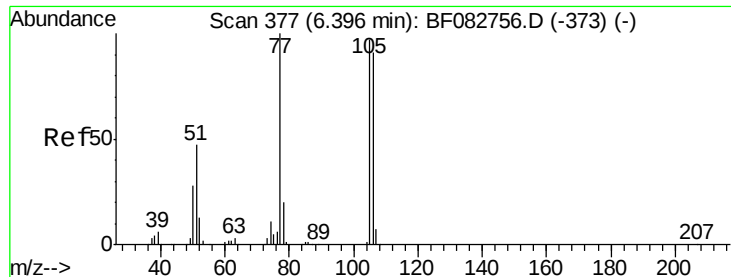
130 33.3 13.5 53.5

64 59.7 21.1 61.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.69 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082780.D

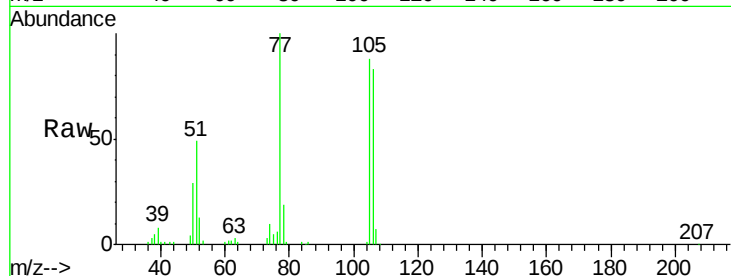
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Instrument :

BNA_F

ClientSampleId :

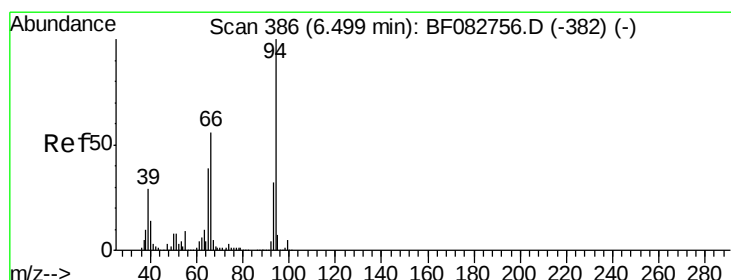
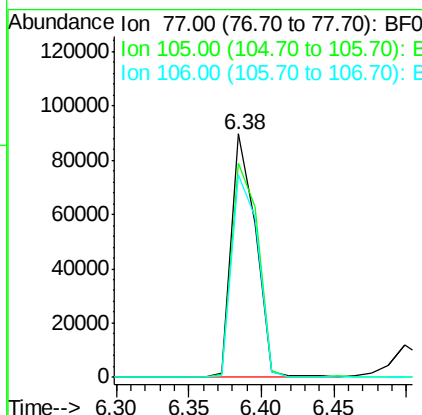
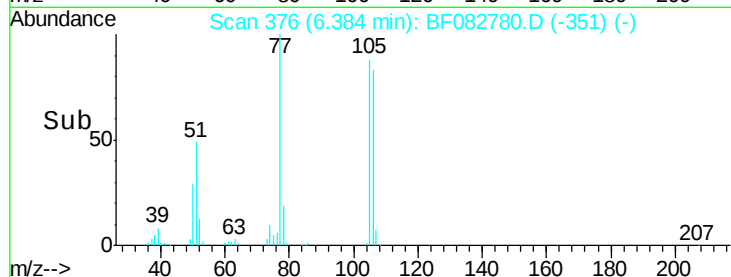
COFF-WP11-1(0-2)MS



Tot Ion:	77	Resp:	103694
Ion Ratio	Lower	Upper	
77	100		
105	88.0	63.5	103.5
106	83.1	59.3	99.3

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#10

Phenol

Concen: 39.89 ng

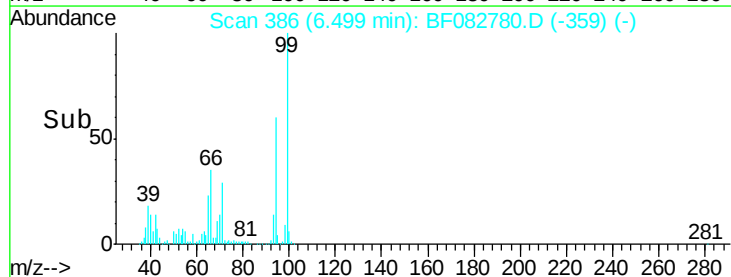
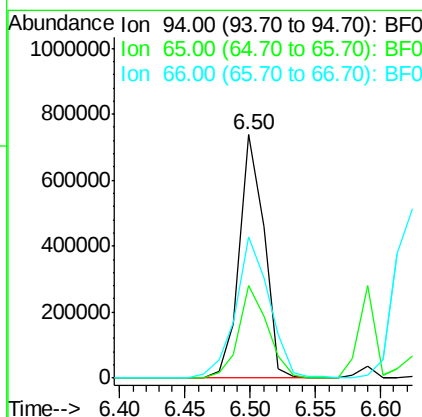
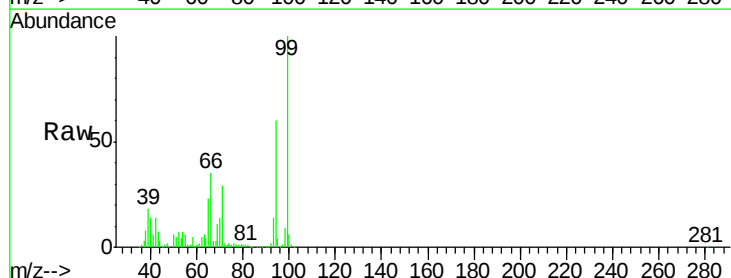
RT: 6.50 min Scan# 386

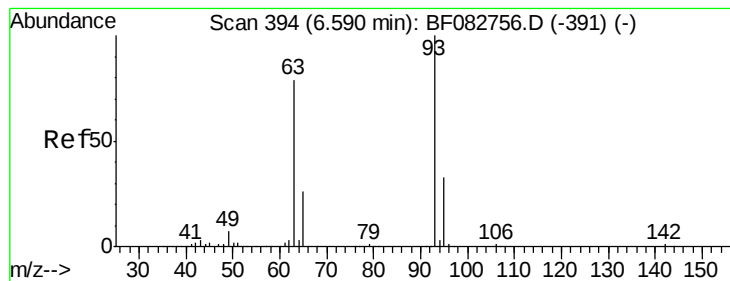
Delta R.T. 0.01 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Tgt Ion:	94	Resp:	977467
Ion Ratio	Lower	Upper	
94	100		
65	37.9	18.9	58.9
66	57.9	34.9	74.9





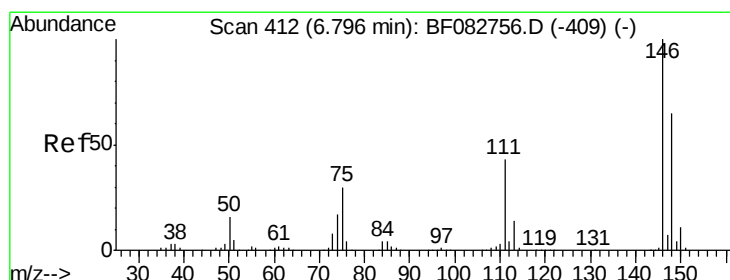
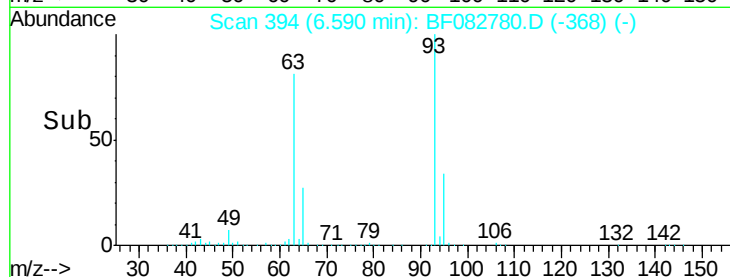
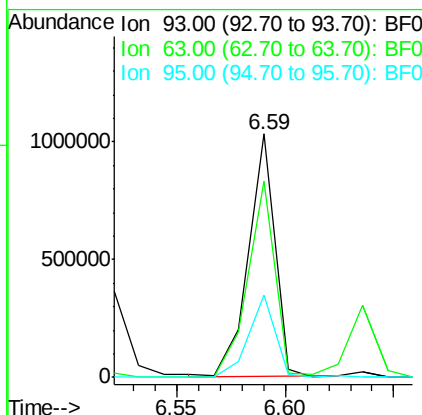
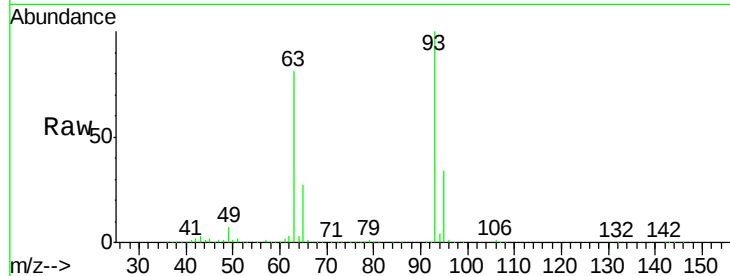
#11
bis(2-Chloroethyl)ether
Concen: 47.06 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.7	72.7	112.7
95	33.7	12.0	52.0

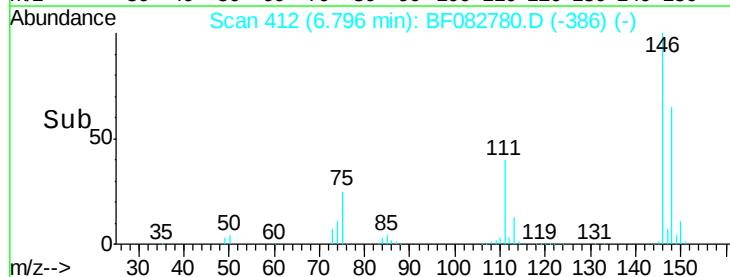
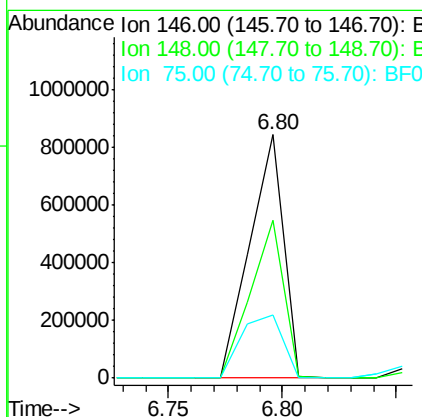
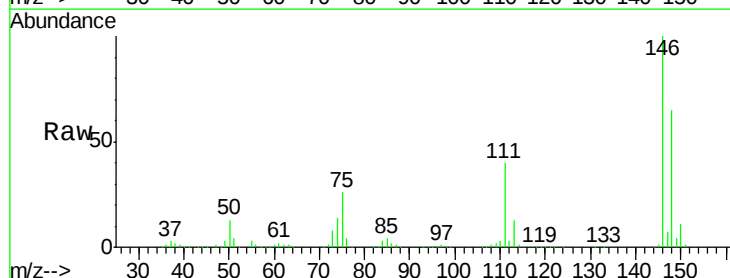
Manual Integrations
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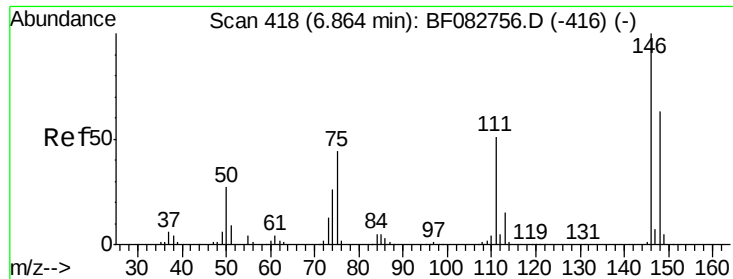
Mmdadoda
11/9/2015 2:10:33 PM



#12
1,3-Dichlorobenzene
Concen: 43.27 ng m
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.5	75.7
75	25.8	39.5	59.3





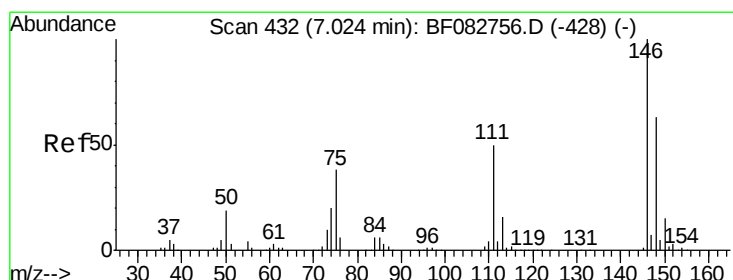
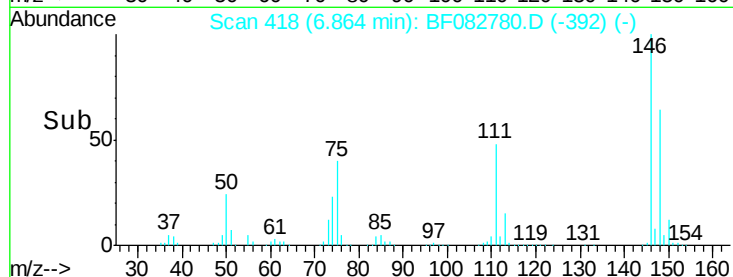
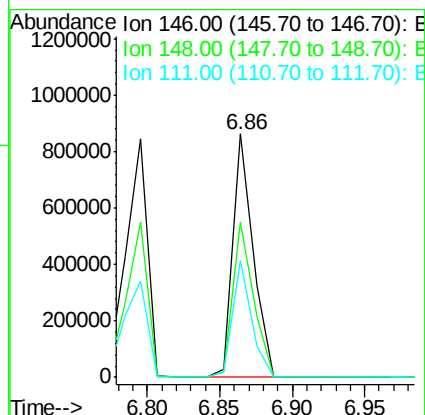
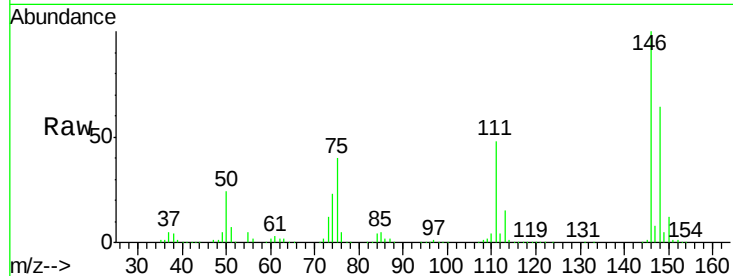
#13
 1,4-Dichlorobenzene
 Concen: 39.58 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	47.8	40.6	60.8

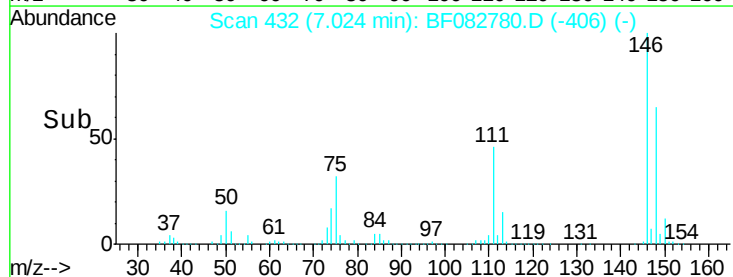
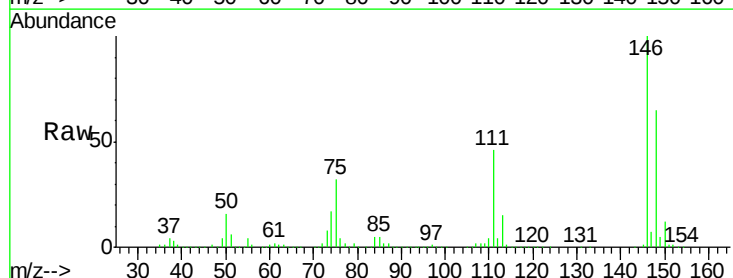
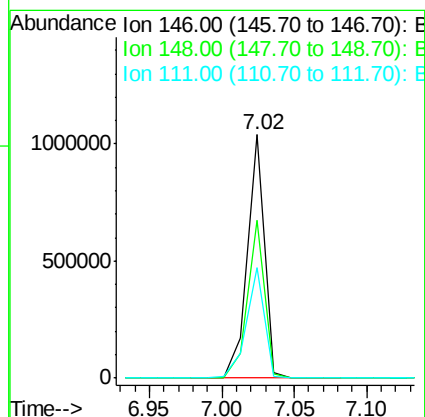
Manual Integrations
 APPROVED

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#14
 1,2-Dichlorobenzene
 Concen: 44.12 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	45.6	36.6	55.0





#15

Benzyl Alcohol

Concen: 43.38 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

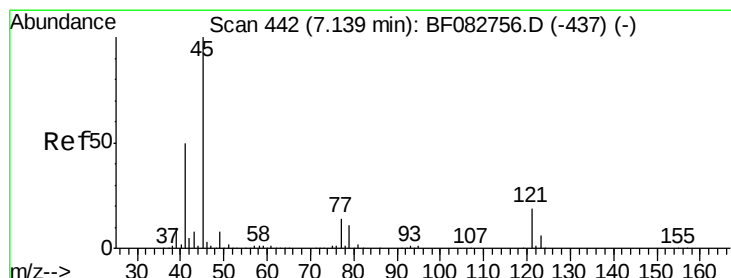
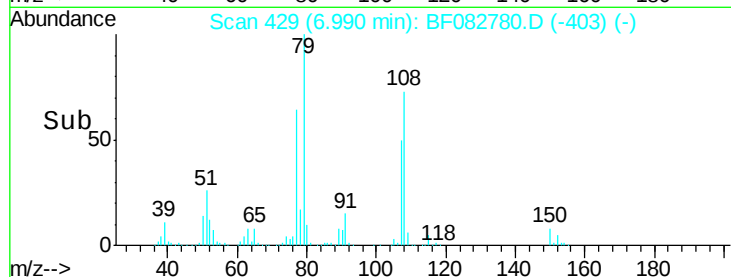
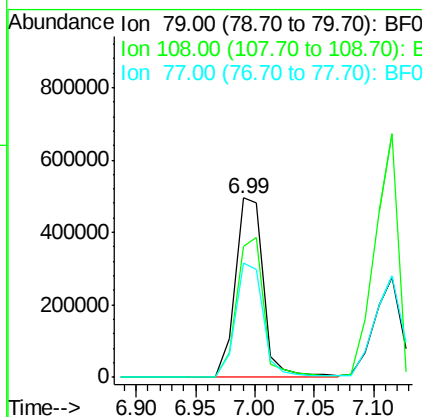
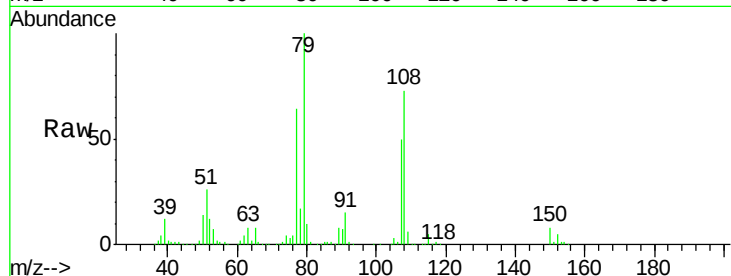
ClientSampleId :

COFF-WP11-1(0-2)MS

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Tot Ion:	79	Resp:	822665
Ion	Ratio	Lower	Upper
79	100		
108	73.1	52.2	78.4
77	63.6	52.7	79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.83 ng

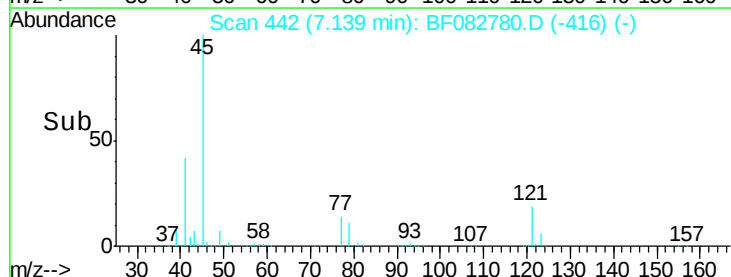
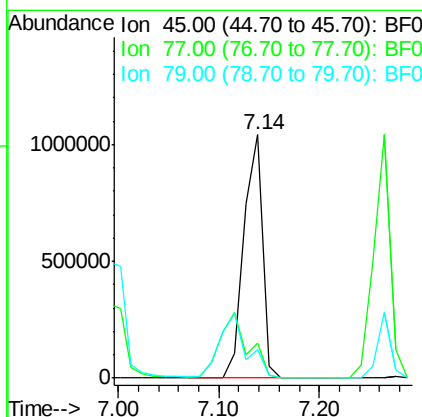
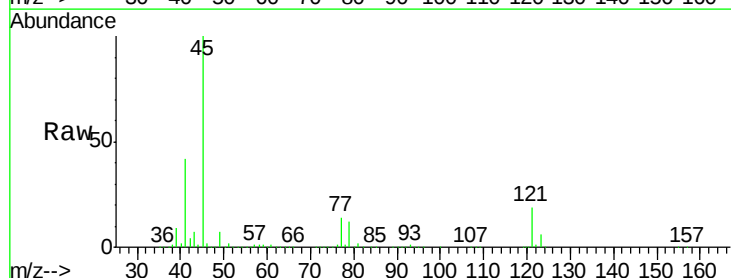
RT: 7.14 min Scan# 442

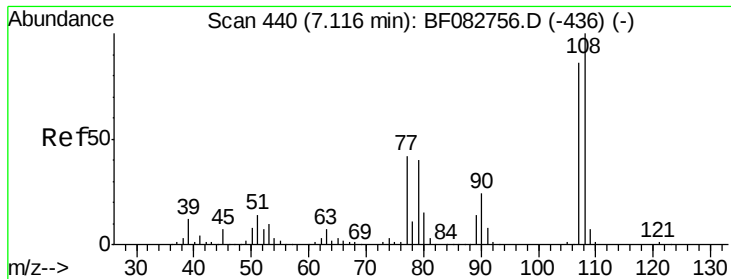
Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Tgt Ion:	45	Resp:	1339398
Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	32.6
79	11.6	0.0	29.2





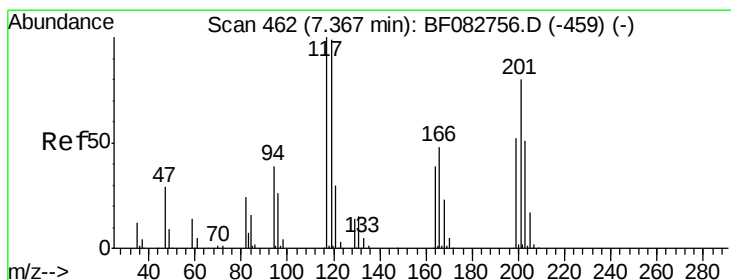
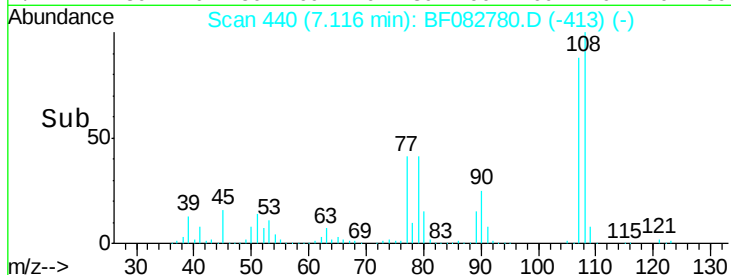
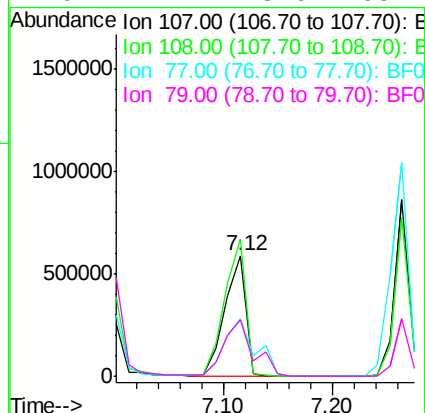
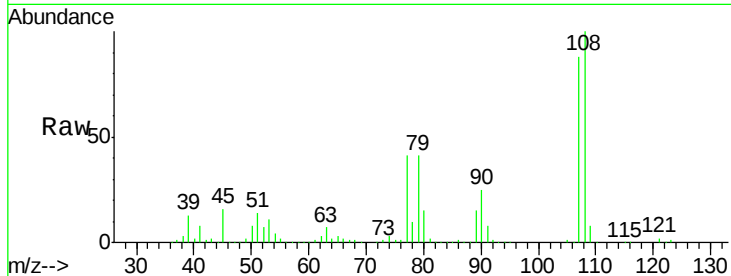
#17
2-Methylphenol
Concen: 51.49 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	93.0	139.4	
77	47.3	44.1	66.1	
79	47.1	43.6	65.4	

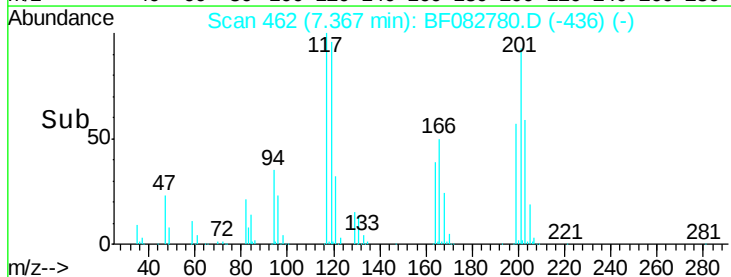
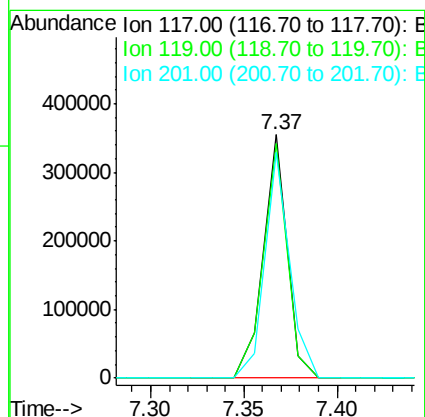
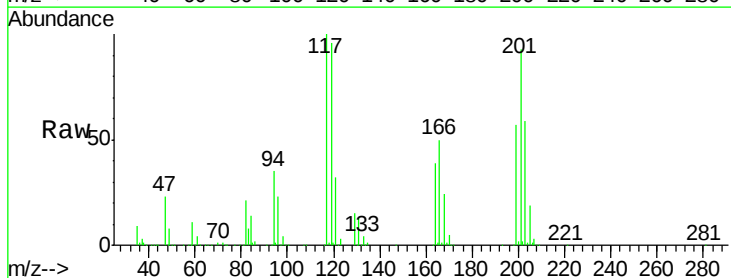
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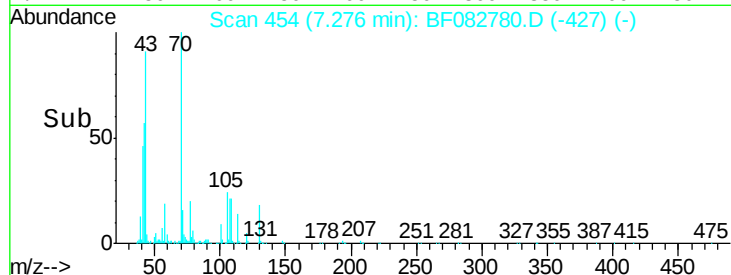
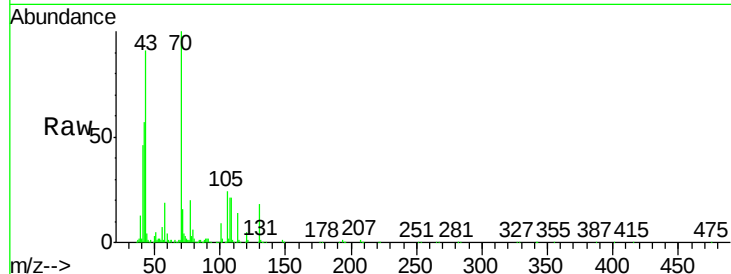
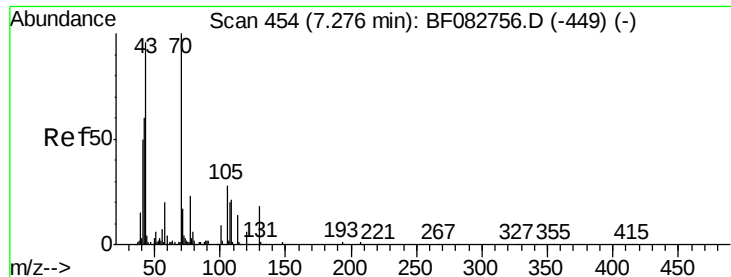
Mmdadoda
11/9/2015 2:10:33 PM



#18
Hexachloroethane
Concen: 41.25 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.7	116.5	
201	92.5	66.7	100.1	





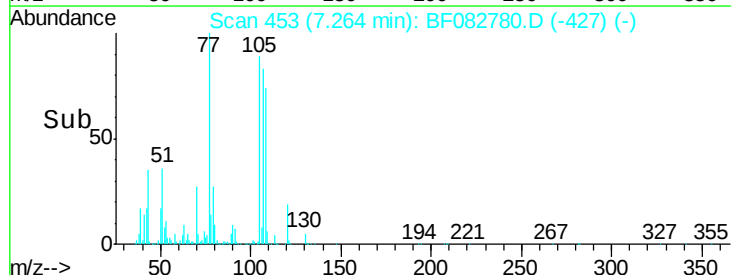
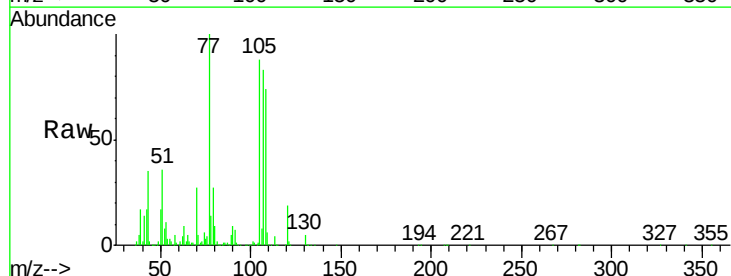
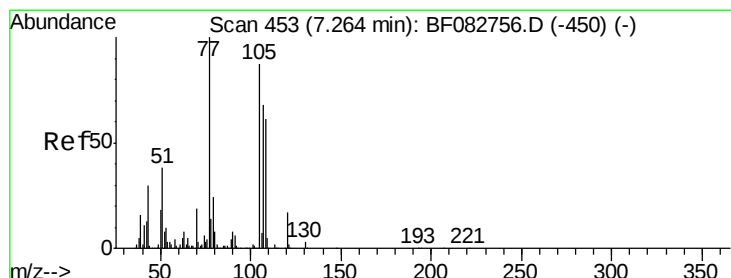
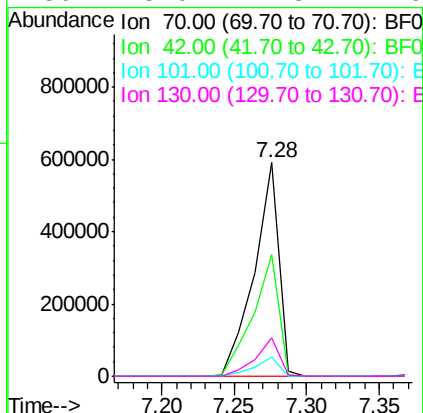
#19
n-Nitroso-di-n-propylamine
Concen: 43.79 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Manual Integrations
APPROVED

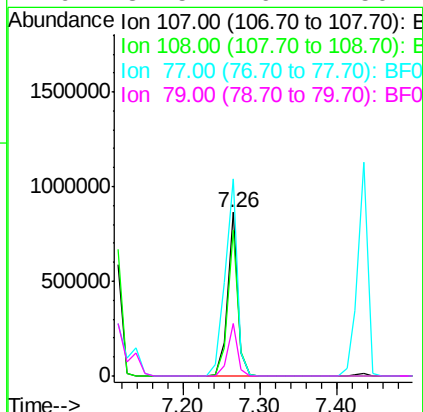
Mmdadoda
11/9/2015 2:10:33 PM

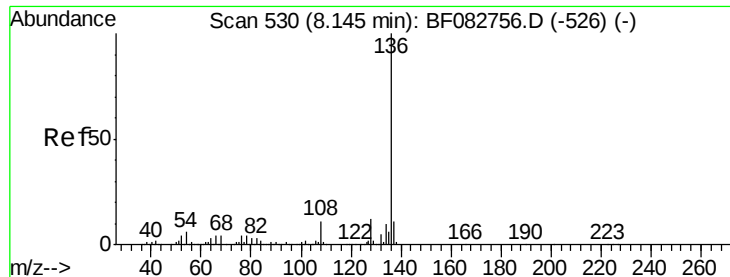
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.8	57.7	86.5#	
101	8.8	7.0	10.6	
130	18.0	11.8	17.6#	



#20
3+4-Methylphenols
Concen: 40.77 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	67.3	107.3	
77	120.8	100.3	140.3	
79	32.5	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082780.D

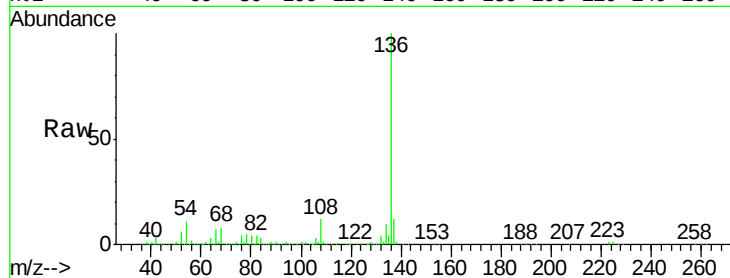
Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

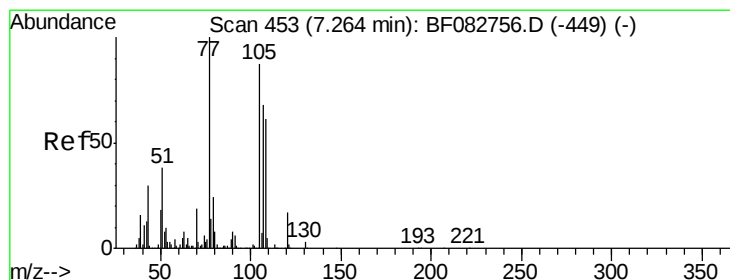
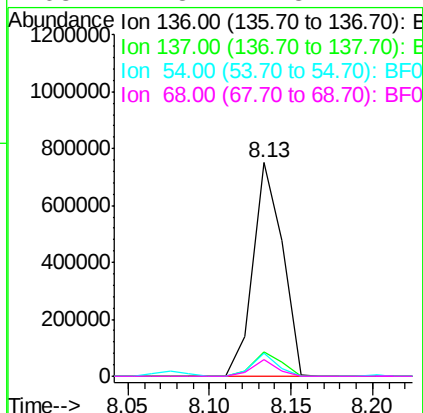
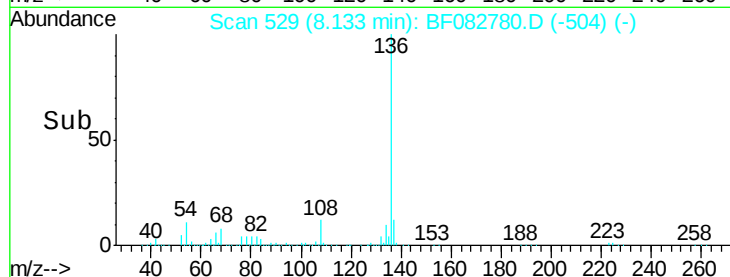
COFF-WP11-1(0-2)MS



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	9.1	13.7	
54	10.6	9.1	13.7	
68	7.8	4.8	7.2#	

Manual Integrations
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#22

Acetophenone

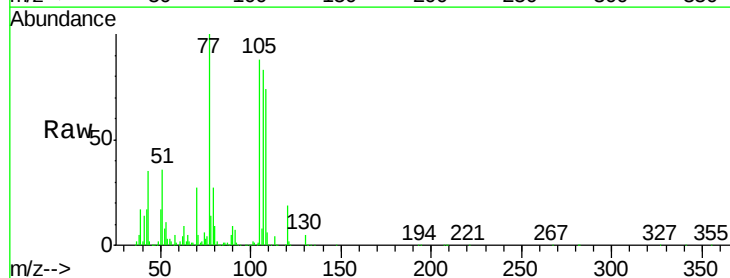
Concen: 41.87 ng

RT: 7.26 min Scan# 453

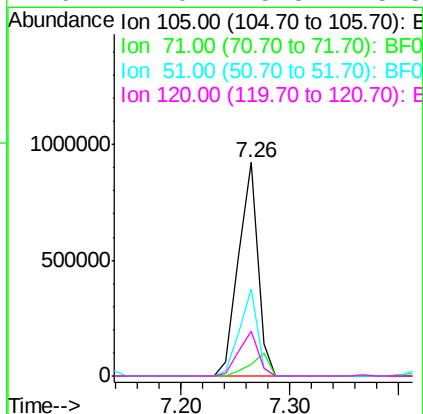
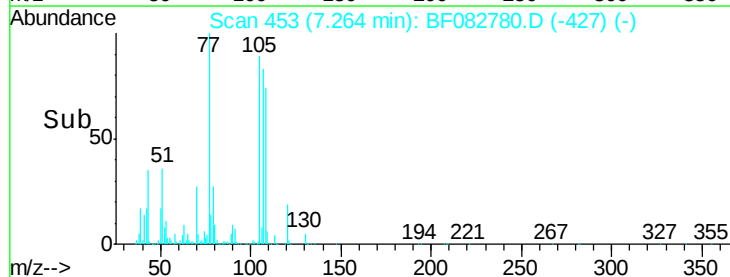
Delta R.T. 0.00 min

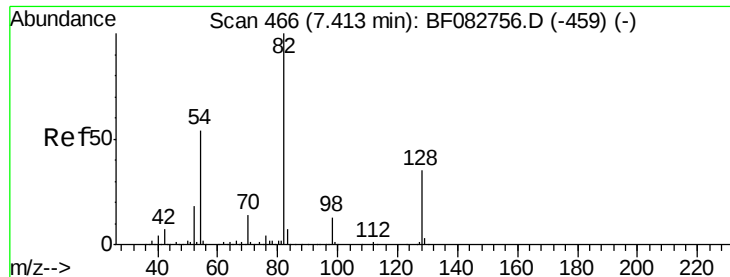
Lab File: BF082780.D

Acq: 7 Nov 2015 00:20



Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.3	5.6	8.4#	
51	40.7	24.9	37.3#	
120	21.0	15.8	23.8	





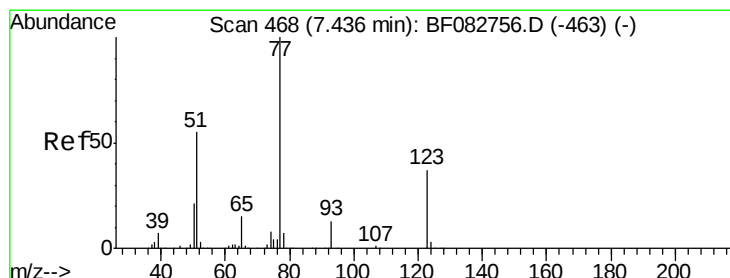
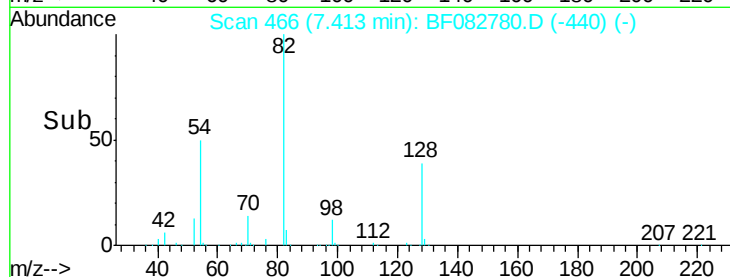
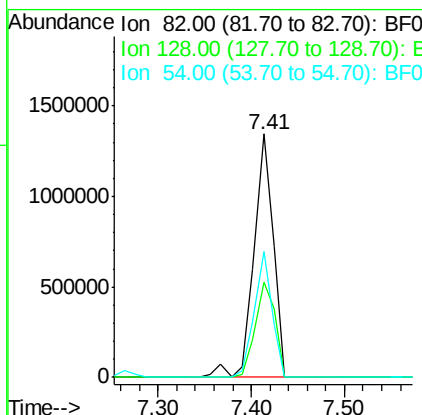
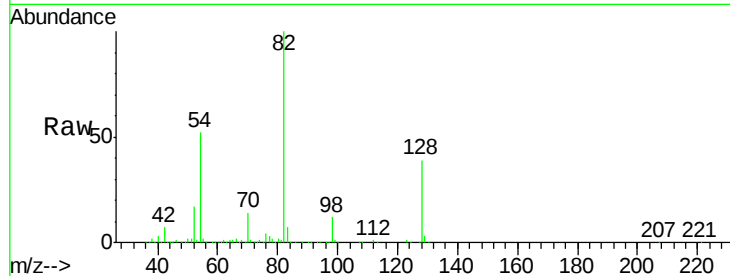
#23
Nitrobenzene-d5
Concen: 89.69 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	82	Resp	1935023
Ion Ratio	100	Lower	Upper
82	100		
128	39.0	26.8	40.2
54	51.6	45.7	68.5

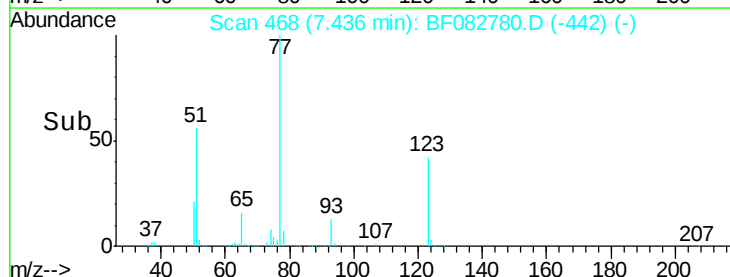
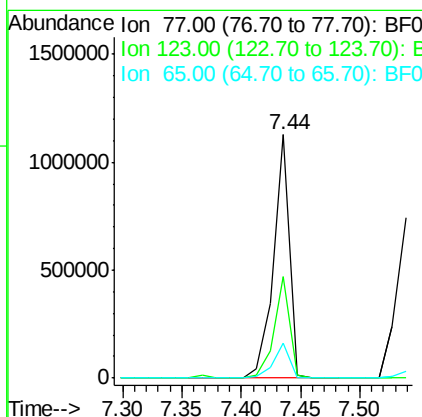
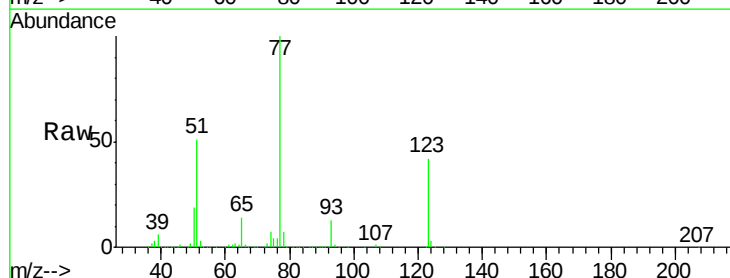
Manual Integrations
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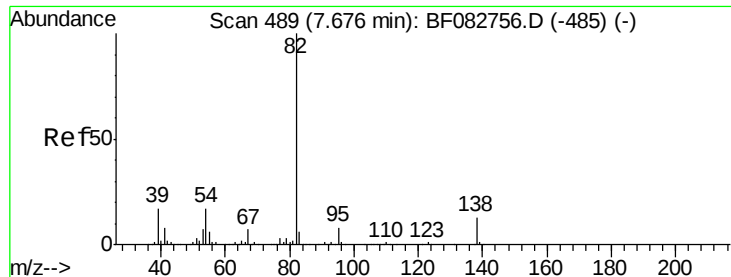
Mmdadoda
11/9/2015 2:10:33 PM



#24
Nitrobenzene
Concen: 47.62 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	77	Resp	1050678
Ion Ratio	100	Lower	Upper
77	100		
123	41.6	36.4	54.6
65	14.3	11.5	17.3





#25

Isophorone

Concen: 45.36 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion: 82 Resp: 1810851

Ion Ratio Lower Upper

82 100

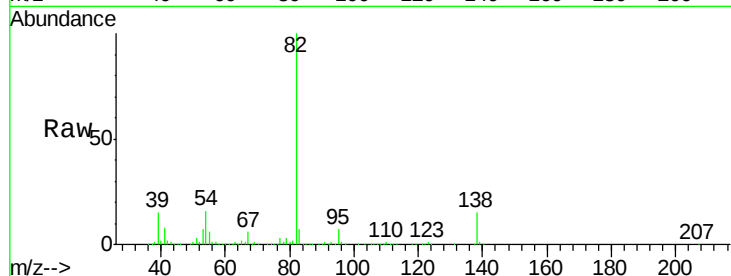
95 7.2 6.6 9.8

138 14.9 11.4 17.0

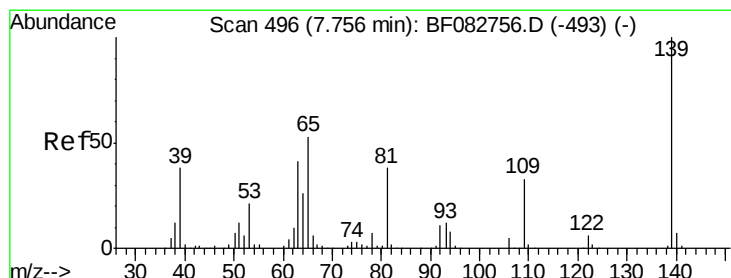
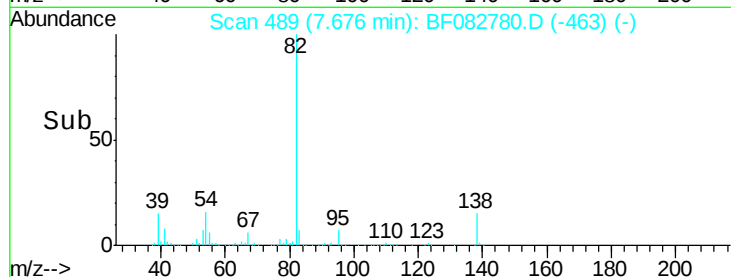
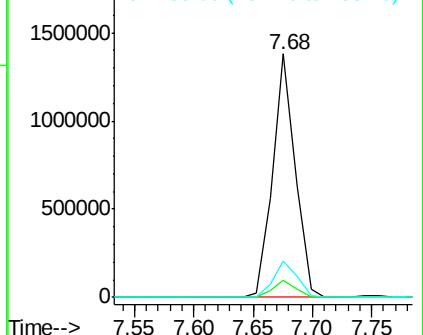
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.59 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

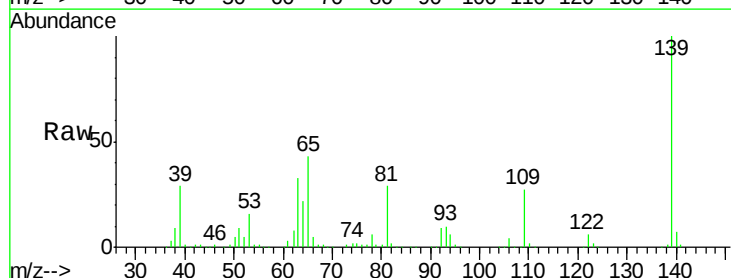
Tgt Ion: 139 Resp: 475088

Ion Ratio Lower Upper

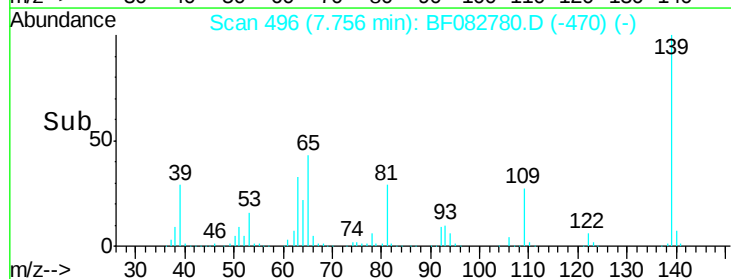
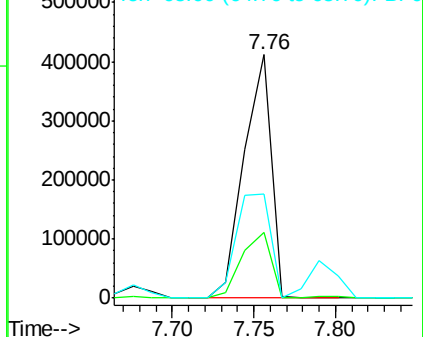
139 100

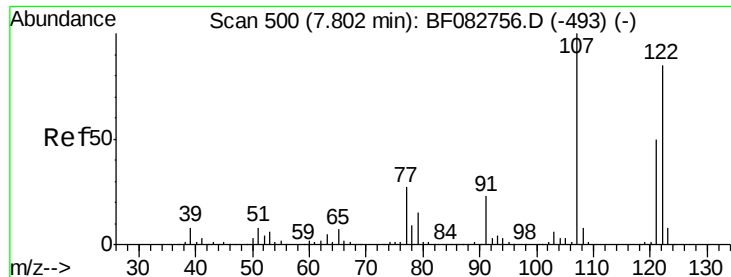
109 27.0 37.6 56.4#

65 42.9 70.6 105.8#



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





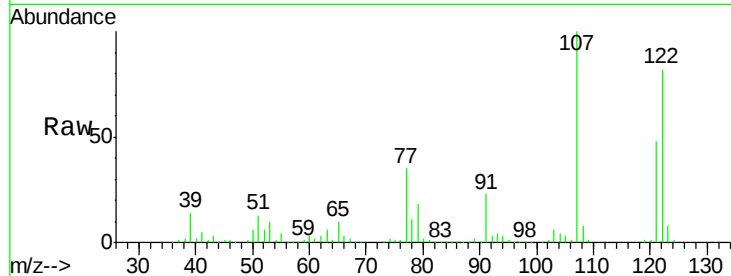
#27
 2,4-Dimethylphenol
 Concen: 49.17 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

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Tot Ion	Ratio	Lower	Upper
122	100		
107	122.2	106.0	159.0
121	58.8	46.7	70.1

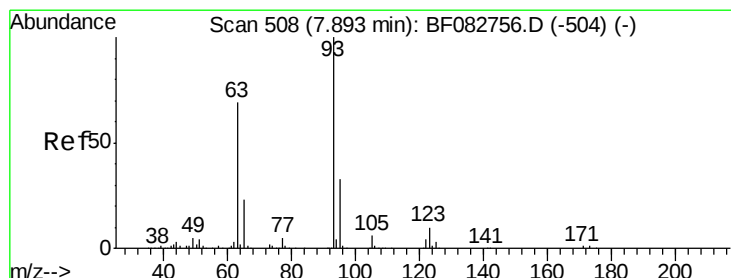
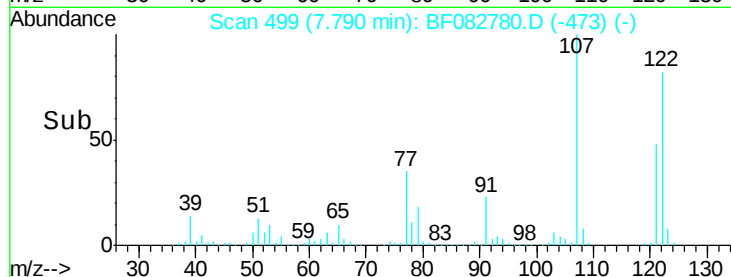
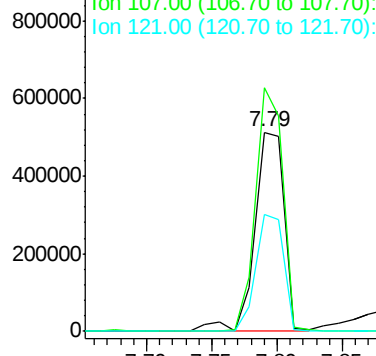


Abundance

Ion 122.00 (121.70 to 122.70): E

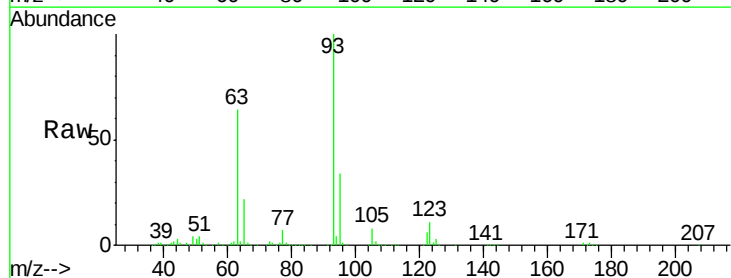
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.05 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.6	40.0
123	10.9	9.7	14.5

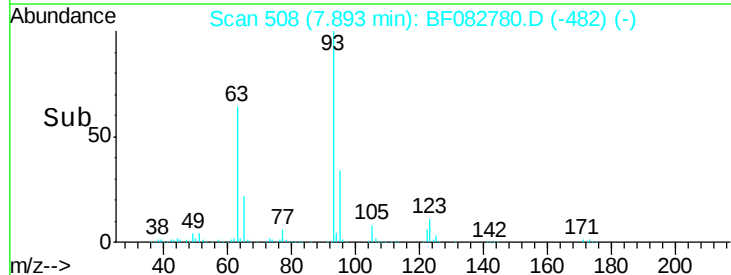
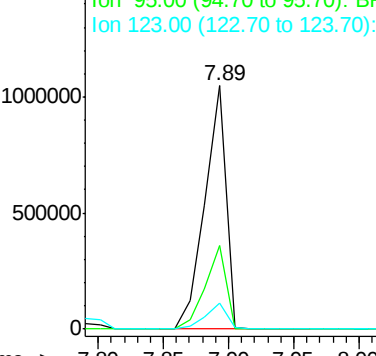


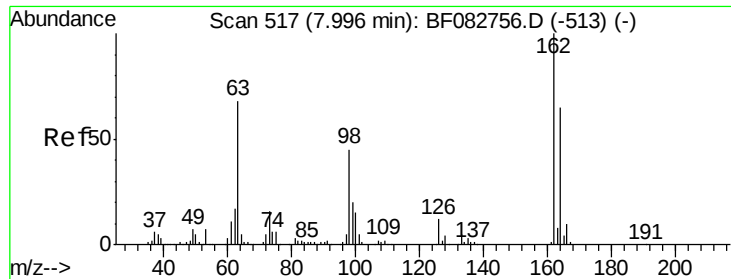
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.63 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

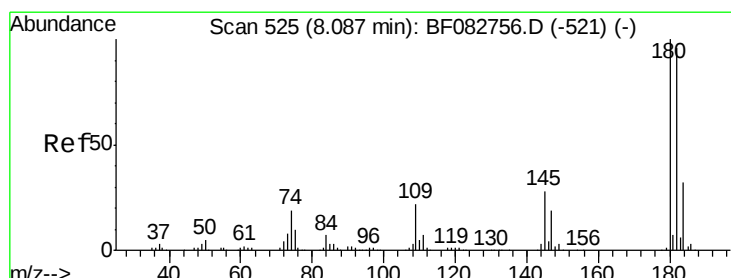
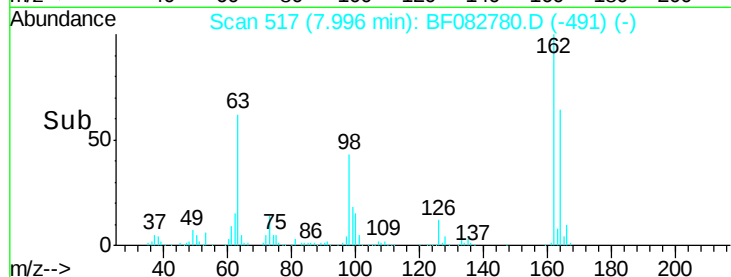
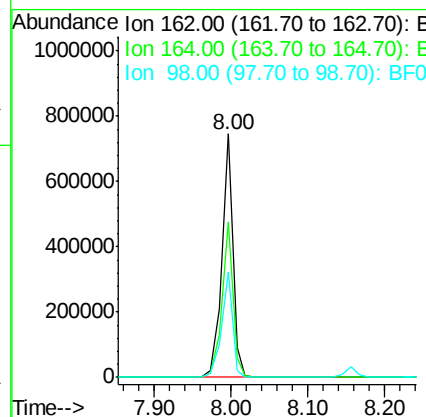
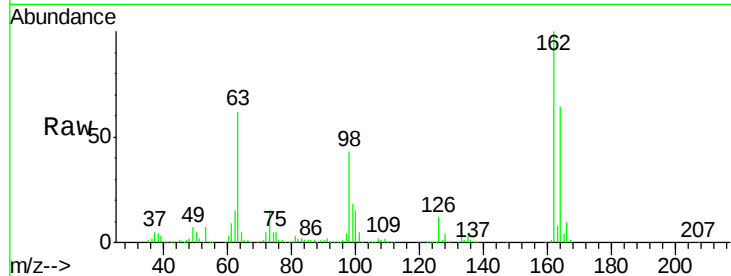
ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion:	162	Resp:	742156
Ion Ratio	Lower	Upper	
162	100		
164	63.8	46.8	86.8
98	43.1	12.5	52.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 43.55 ng

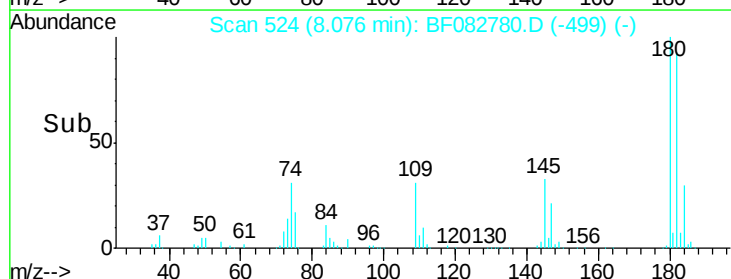
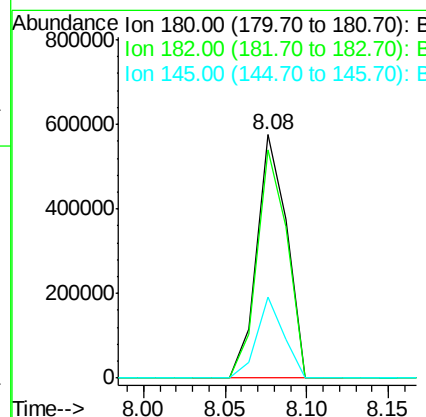
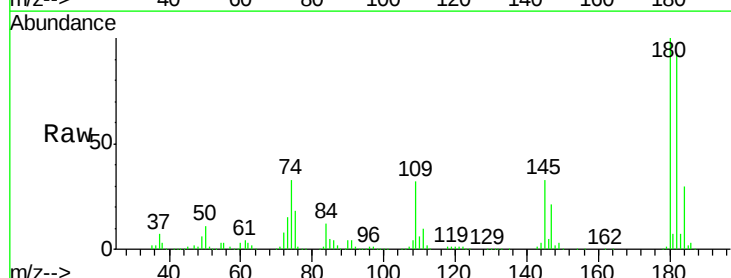
RT: 8.08 min Scan# 524

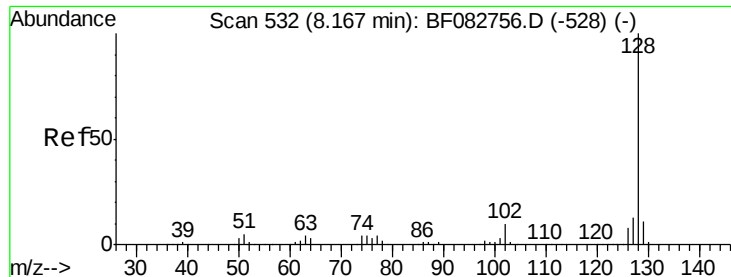
Delta R.T. -0.01 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Tgt Ion:	180	Resp:	732500
Ion Ratio	Lower	Upper	
180	100		
182	93.5	74.9	112.3
145	33.4	27.8	41.8





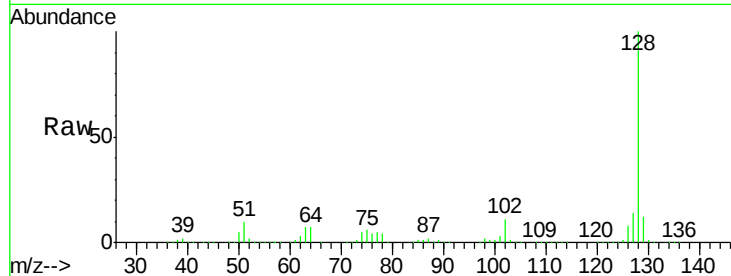
#31
Naphthalene
Concen: 41.28 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.5	14.3
127	14.4	11.4	17.0

Manual Integrations
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11/9/2015 2:10:33 PM

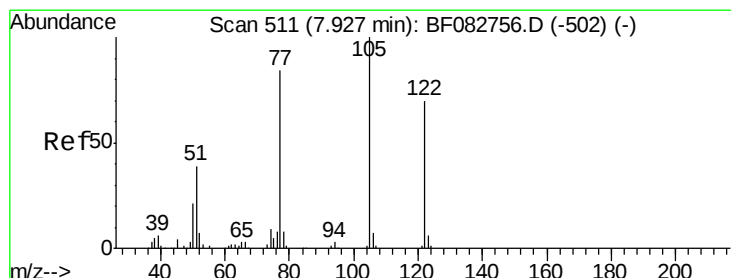
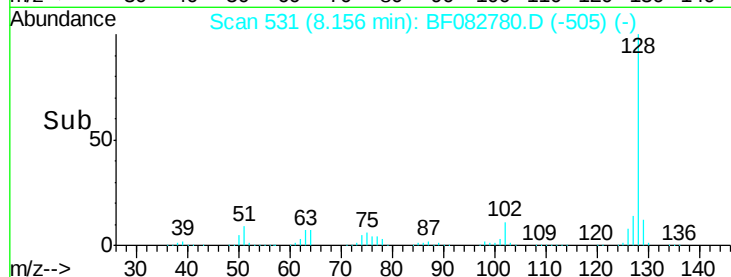
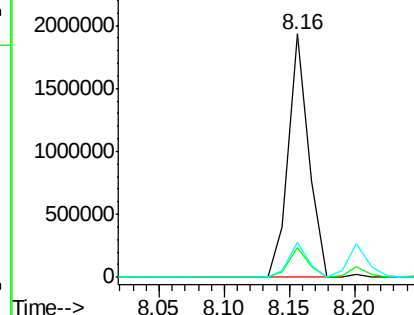


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 23.69 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

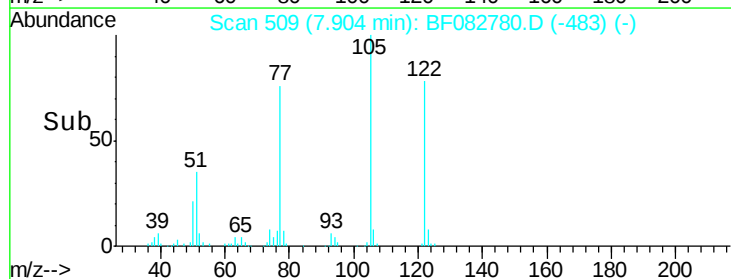
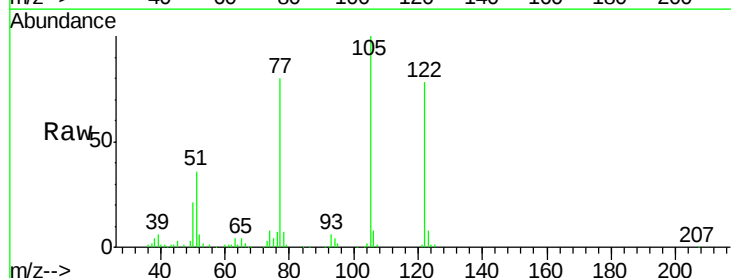
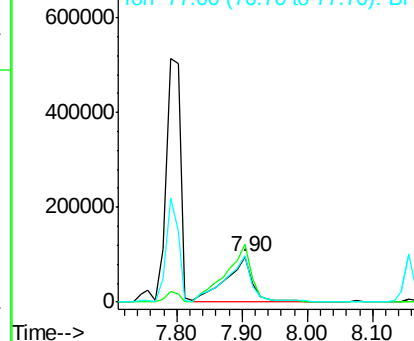
Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	122.6	162.6
77	102.0	100.9	140.9

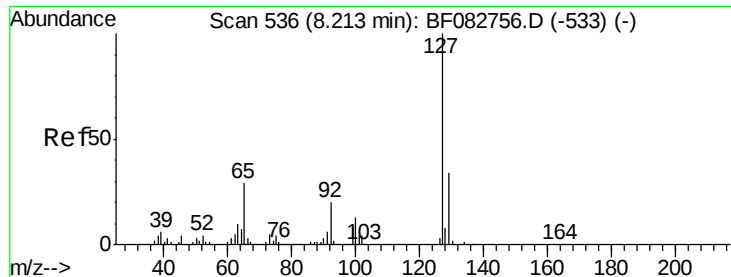
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





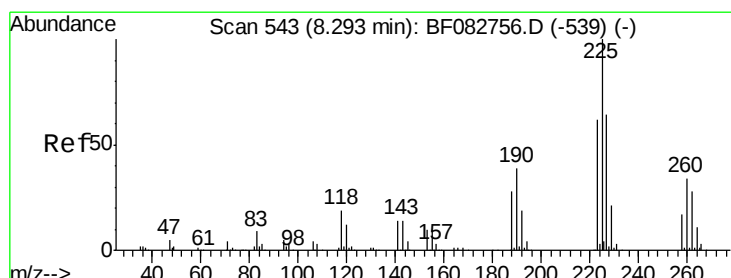
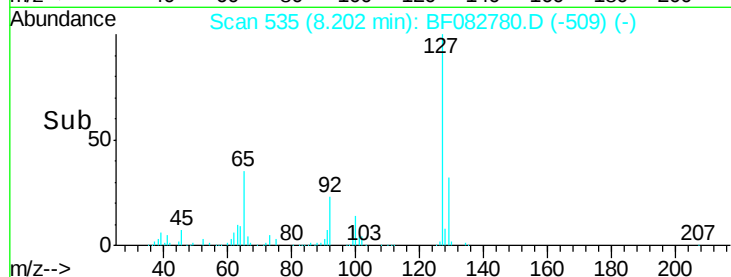
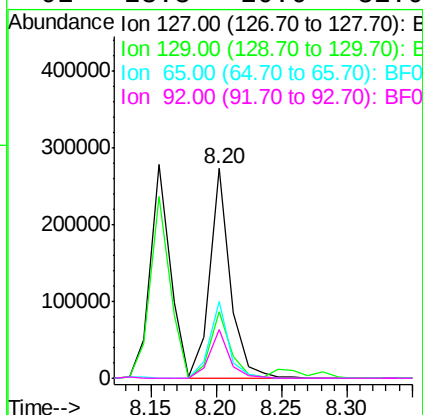
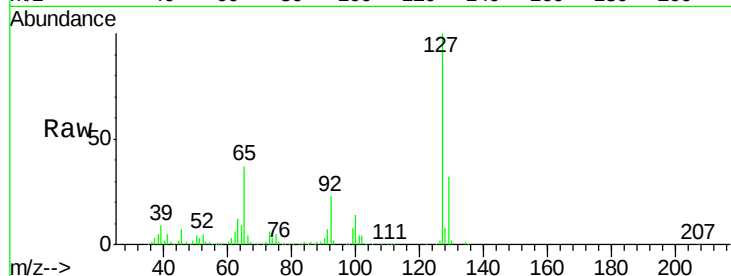
#33
4-Chloroaniline
Concen: 13.38 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	36.5	37.8	56.8
92	23.3	20.6	31.0

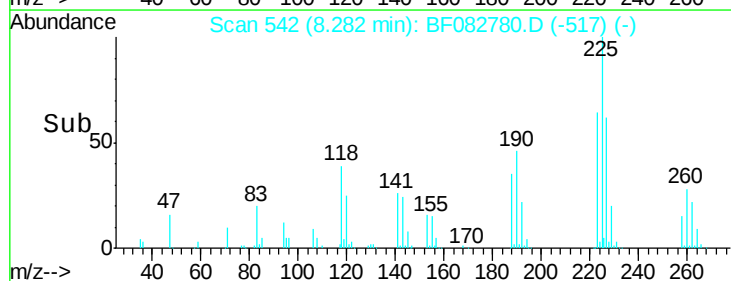
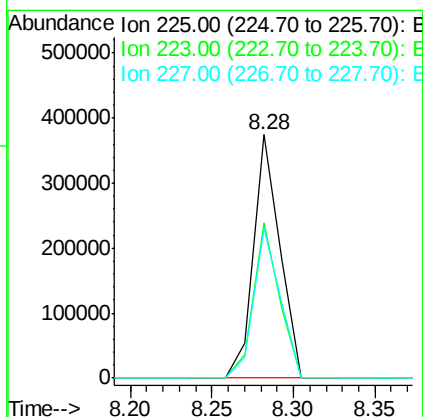
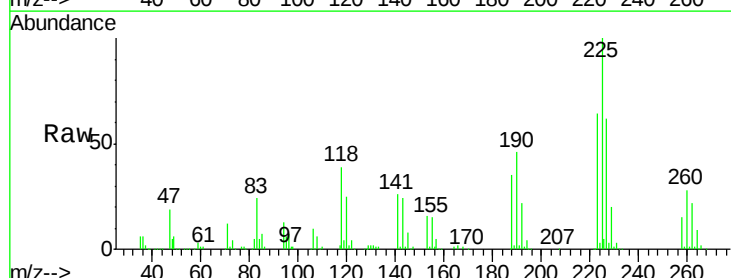
Manual Integrations
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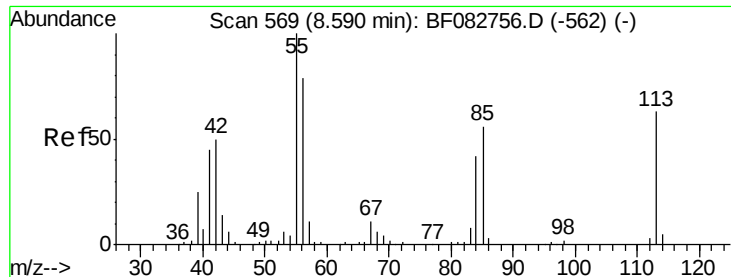
Mmdadoda
11/9/2015 2:10:33 PM



#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.5	75.7
227	61.5	50.2	75.2





#35

Caprolactam

Concen: 59.39 ng/mL

RT: 8.58 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion:113 Resp: 279995

Ion Ratio Lower Upper

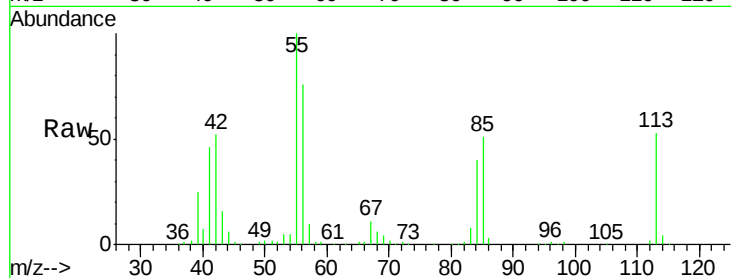
113 100

55 190.4 195.5 235.5#

56 144.6 153.5 193.5#

Manual Integrations
APPROVED

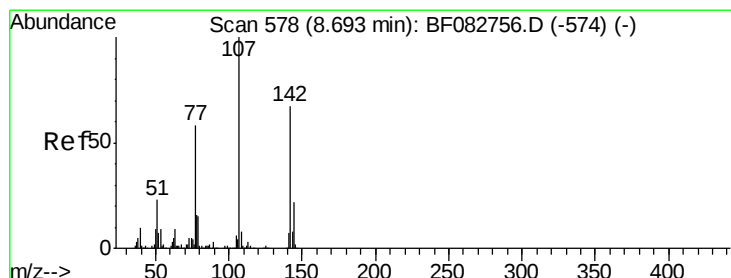
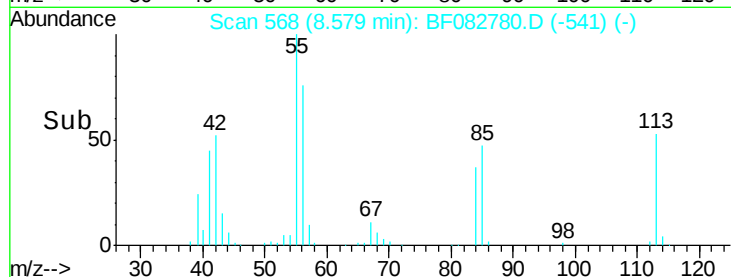
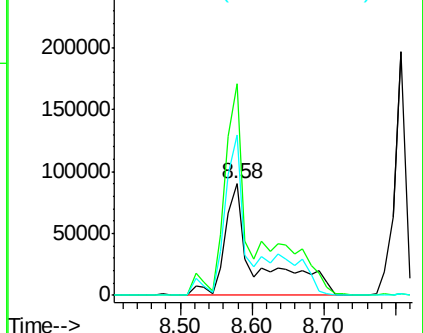
Mmdadoda
11/9/2015 2:10:33 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.43 ng/mL

RT: 8.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

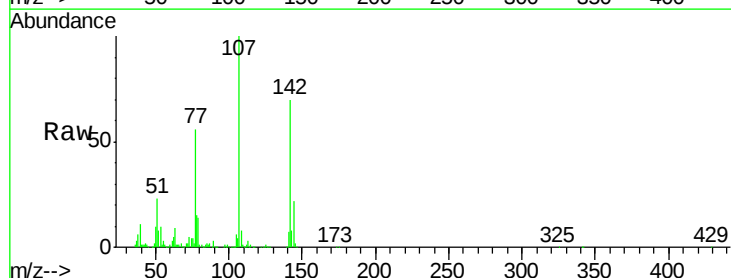
Tgt Ion:107 Resp: 834102

Ion Ratio Lower Upper

107 100

144 22.2 15.4 23.0

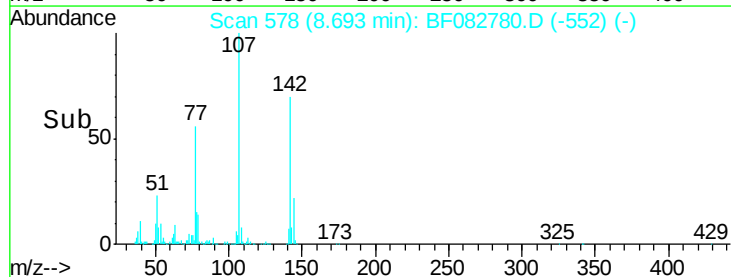
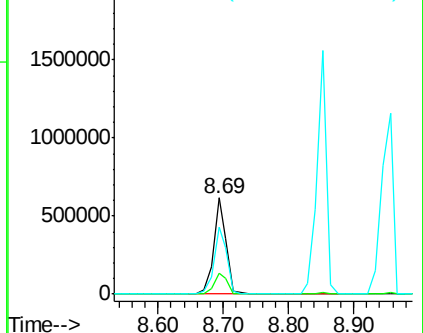
142 69.5 47.8 71.8

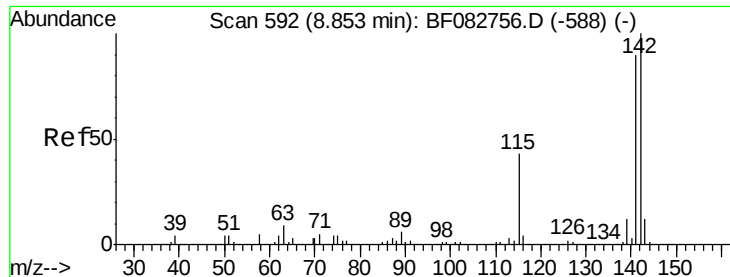


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





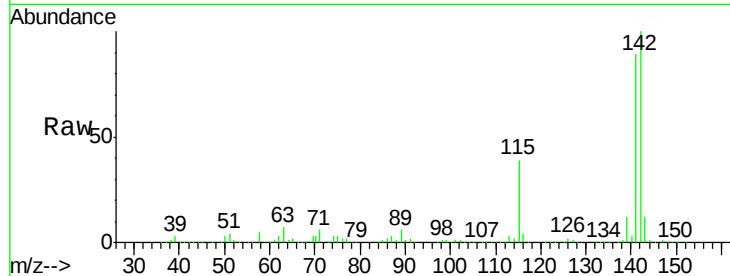
#37
2-Methylnaphthalene
Concen: 45.72 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	39.1	38.1	57.1

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11/9/2015 2:10:33 PM

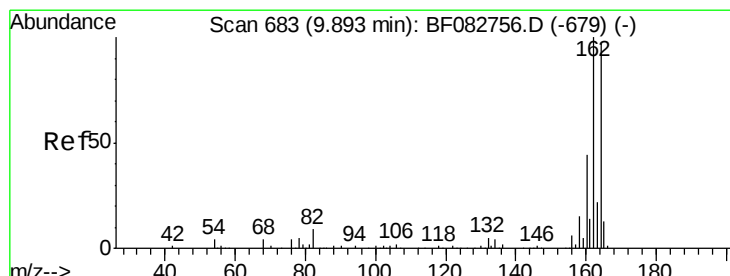
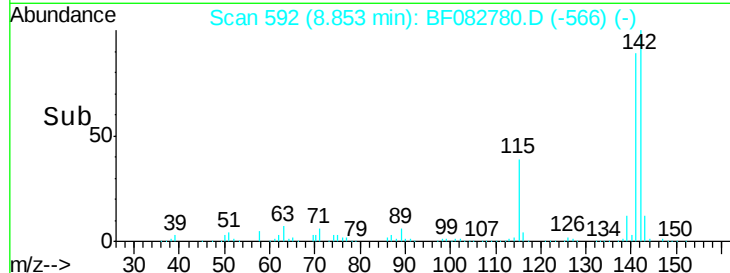
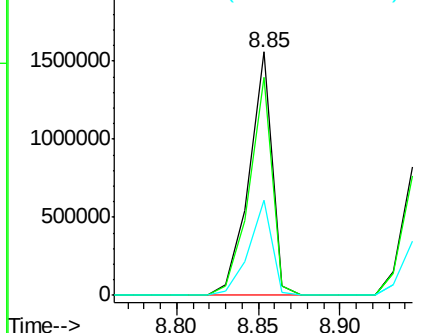


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

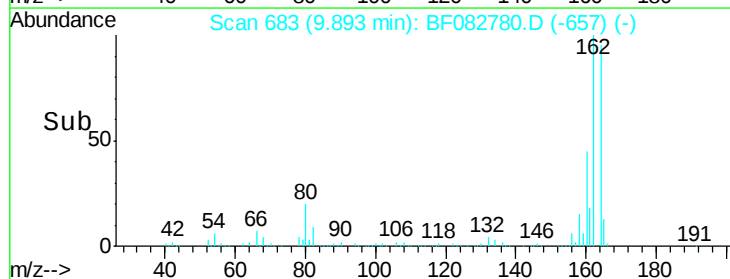
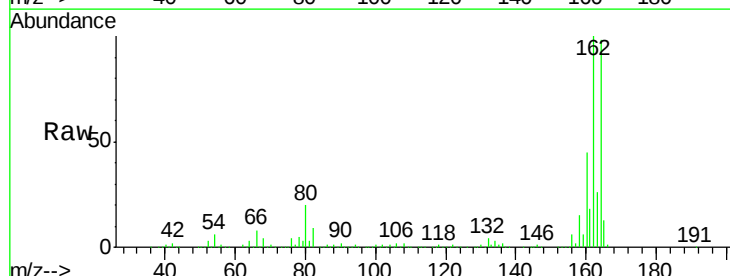
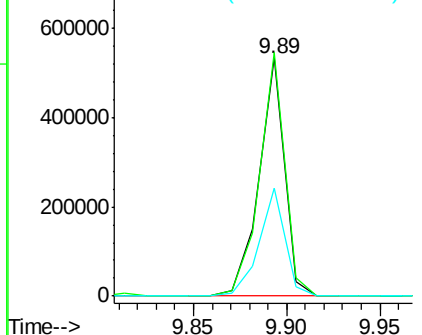
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.9	127.3
160	45.5	37.5	56.3

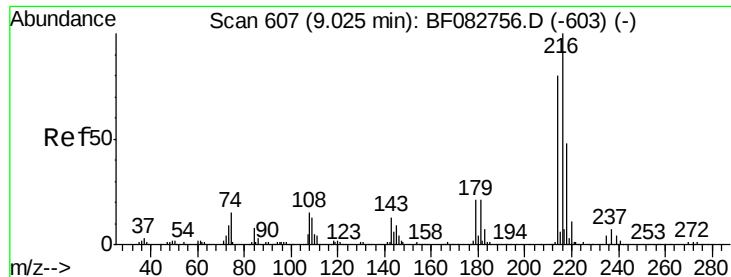
Abundance

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: 45.12 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

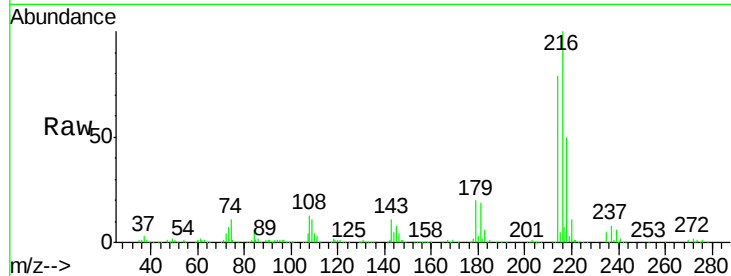
ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		742917		
214	79.2	62.2	93.2		
179	21.4	18.1	27.1		
108	20.4	16.6	25.0		

Manual Integrations
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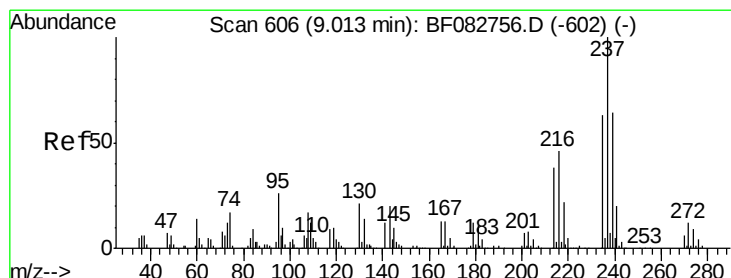
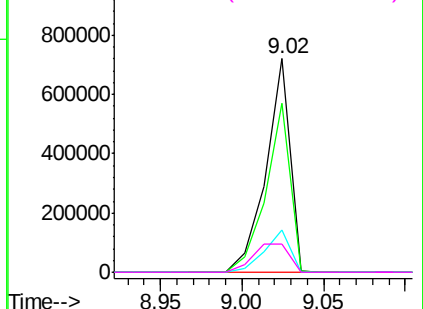
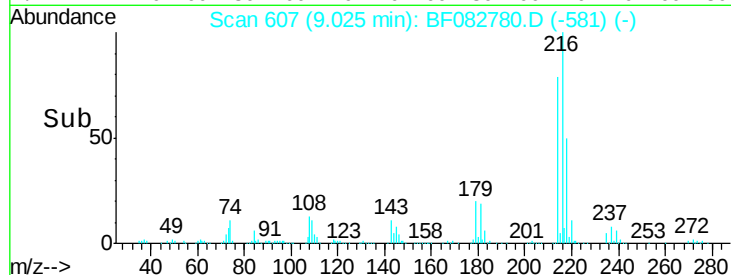


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 86.15 ng

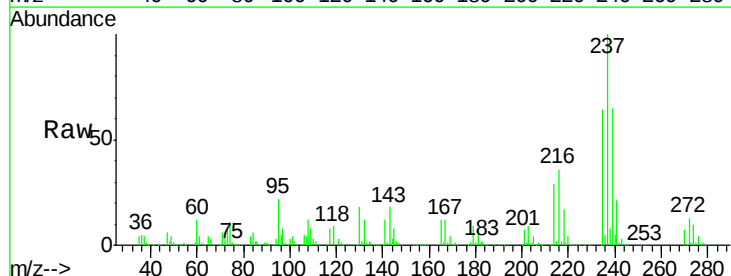
RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

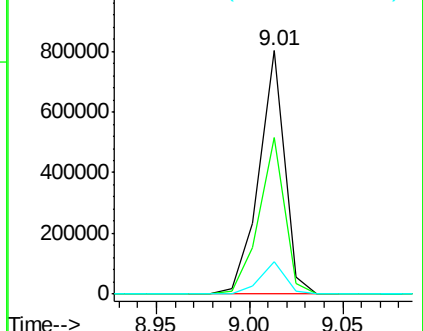
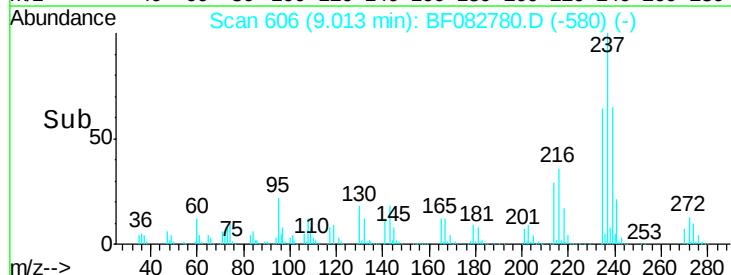
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		762130		
235	64.2	44.3	84.3		
272	13.2	0.0	31.9		

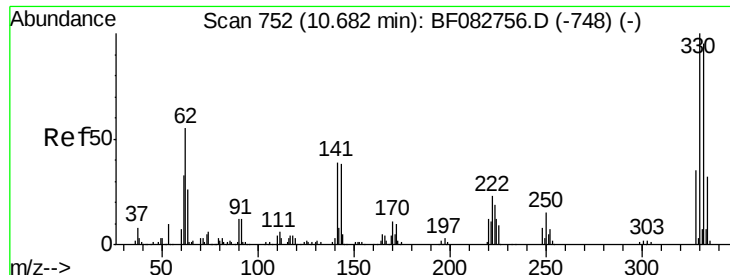


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





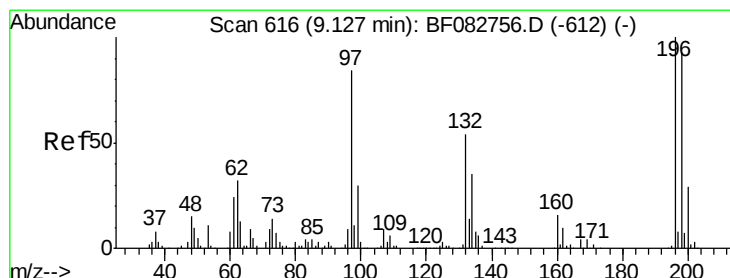
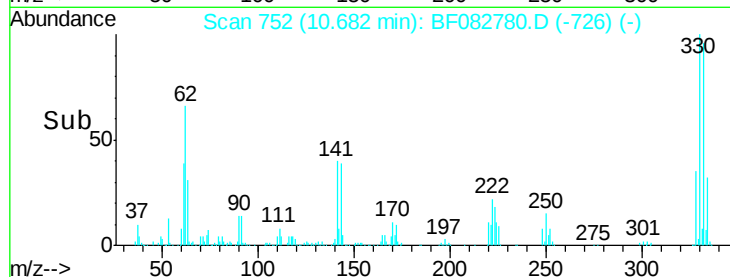
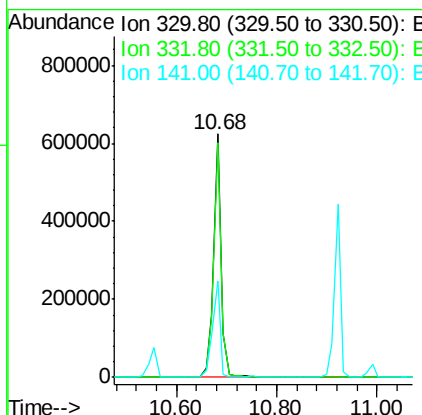
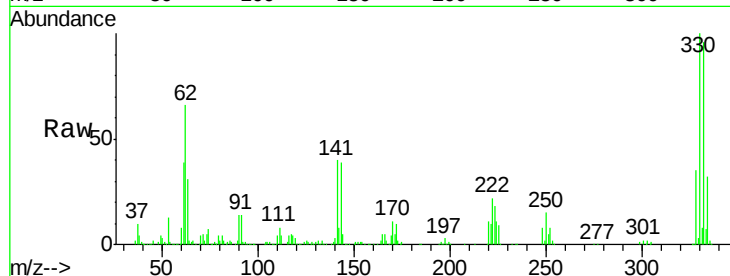
#41
 2,4,6-Tribromophenol
 Concen: 113.82 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	40.3	41.2	61.8#

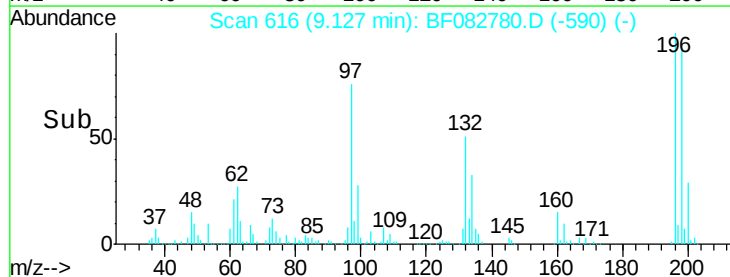
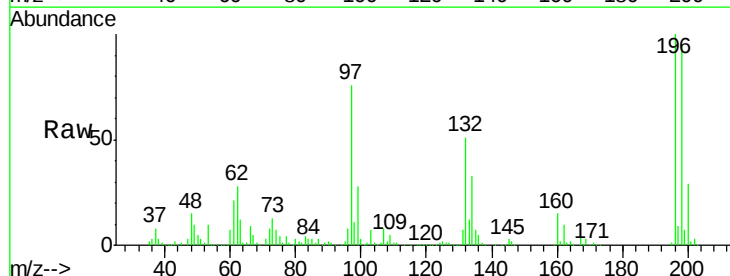
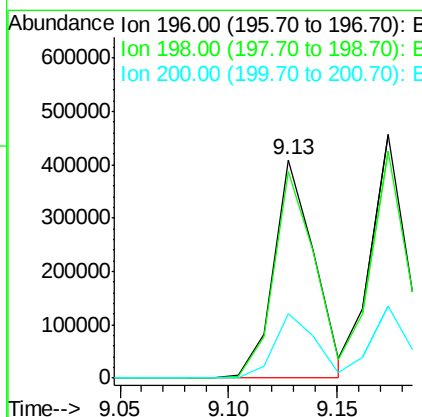
Manual Integrations
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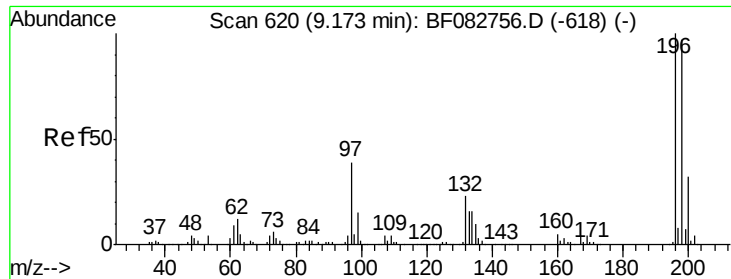
Mmdadoda
 11/9/2015 2:10:33 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.42 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.3	114.5
200	29.5	23.9	35.9





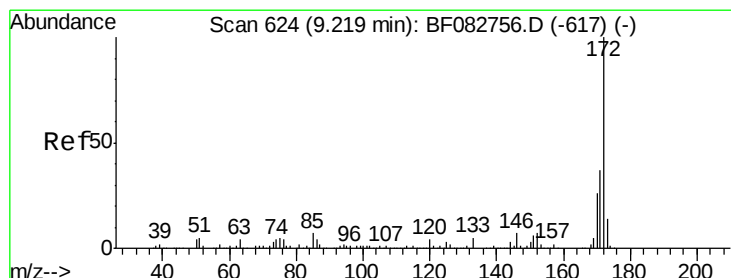
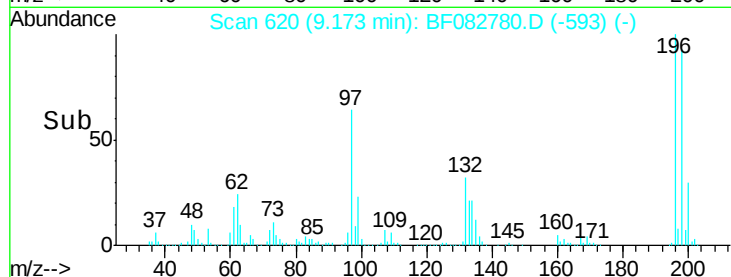
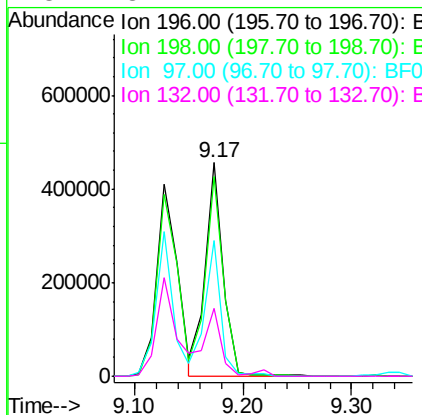
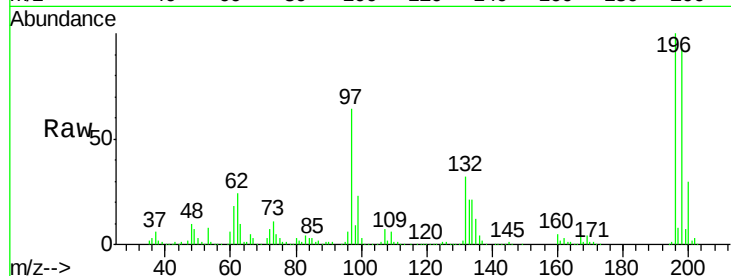
#43
 2,4,5-Trichlorophenol
 Concen: 43.12 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		524242		
198	93.3	75.8	113.8		
97	63.8	62.3	93.5		
132	31.7	27.4	41.2		

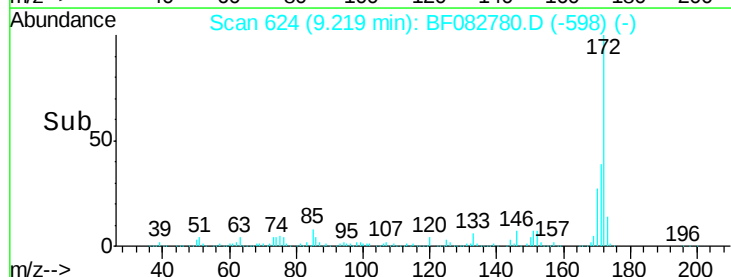
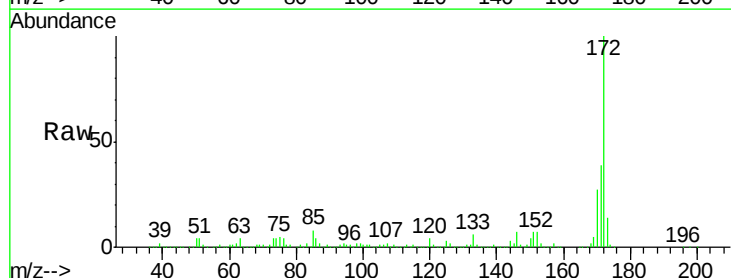
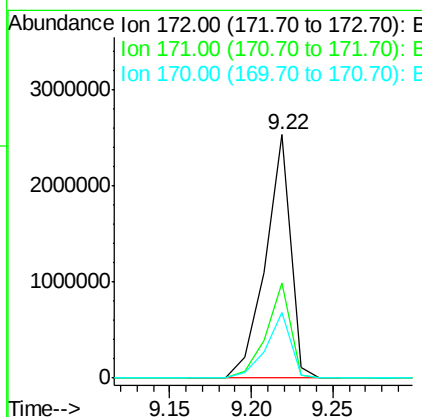
Manual Integrations
 APPROVED

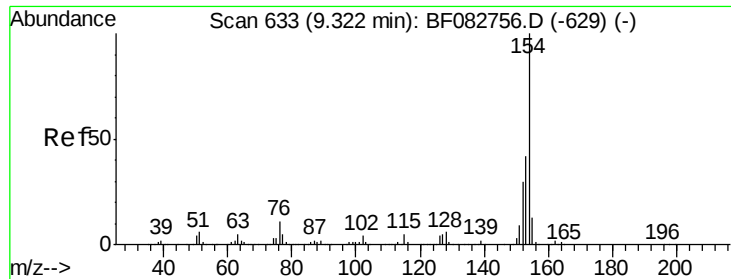
Mmdadoda
 11/9/2015 2:10:33 PM



#44
 2-Fluorobiphenyl
 Concen: 77.82 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2720604		
171	39.0	30.8	46.2		
170	26.8	21.2	31.8		





#45

1,1'-Biphenyl

Concen: 43.41 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion:154 Resp: 1866363

Ion Ratio Lower Upper

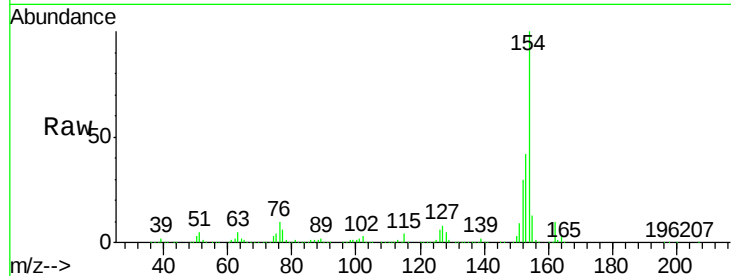
154 100

153 41.6 22.0 62.0

76 10.0 0.0 29.0

Manual Integrations
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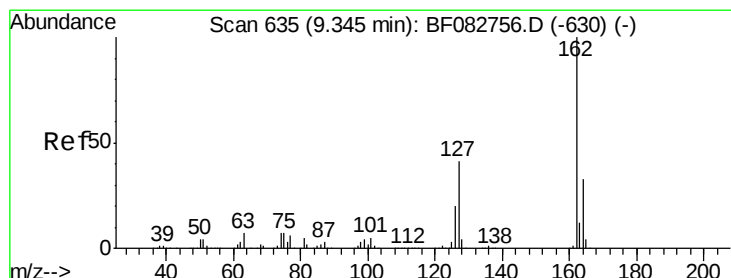
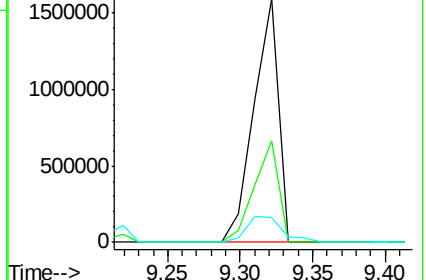
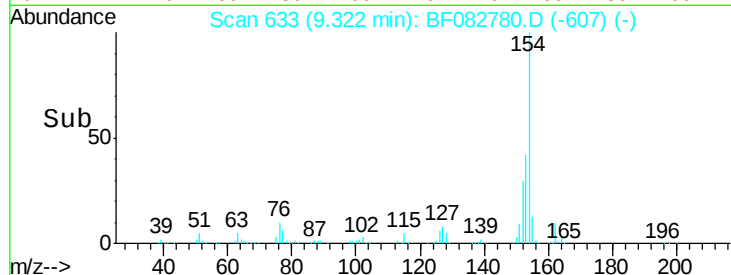
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.64 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

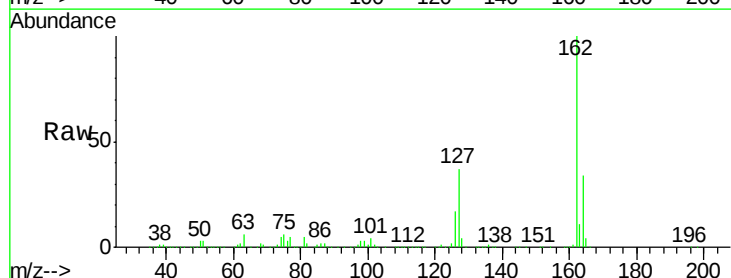
Tgt Ion:162 Resp: 1530786

Ion Ratio Lower Upper

162 100

127 36.8 32.7 49.1

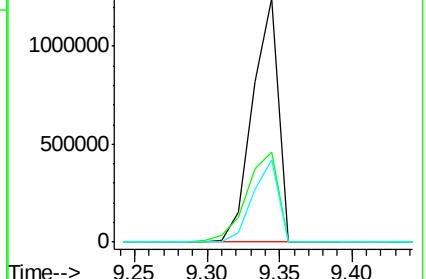
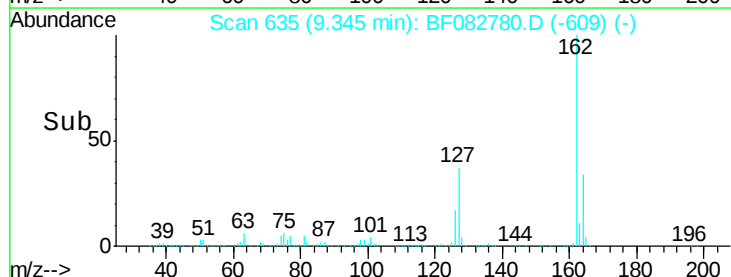
164 33.8 27.4 41.0

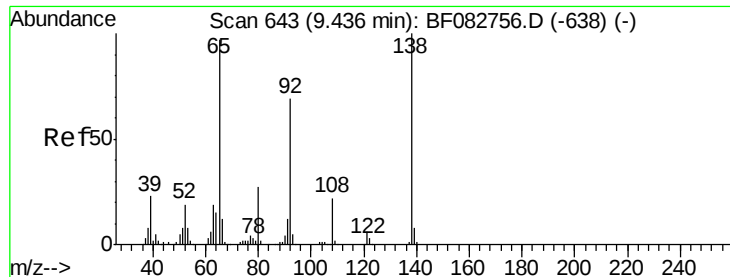


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





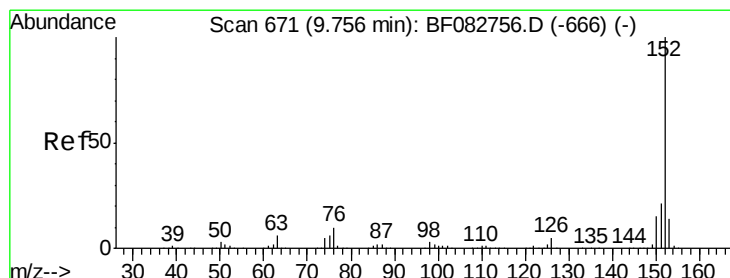
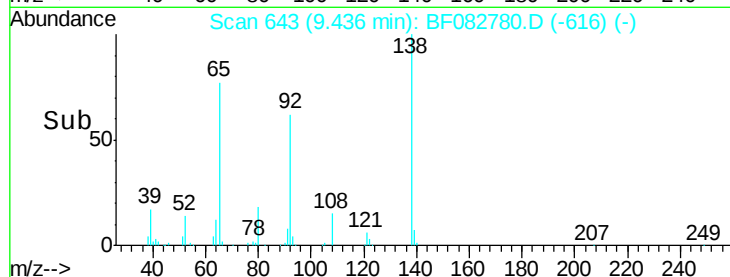
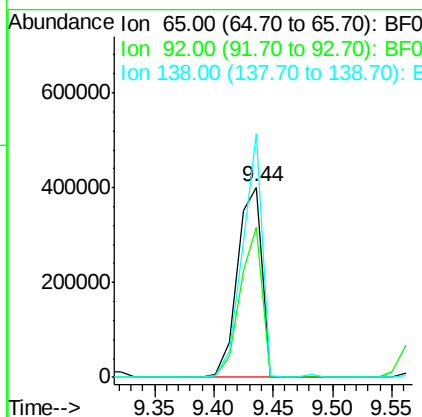
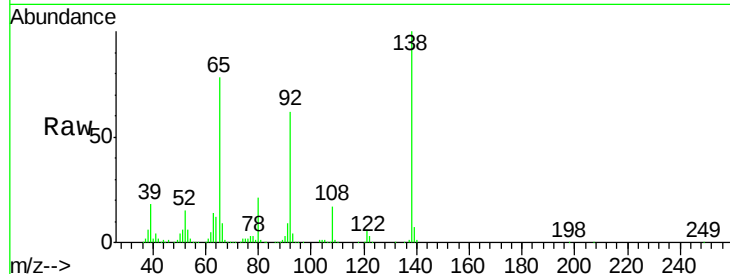
#47
2-Nitroaniline
Concen: 46.19 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.1	46.6	70.0#
138	127.8	54.6	81.8#

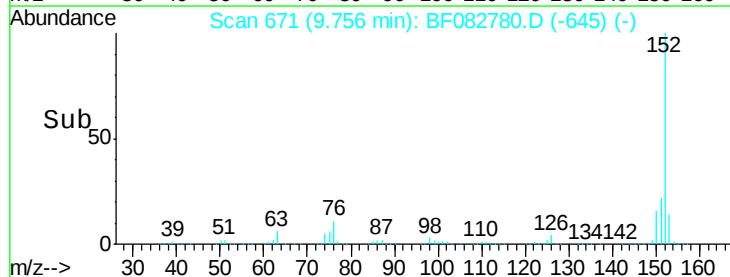
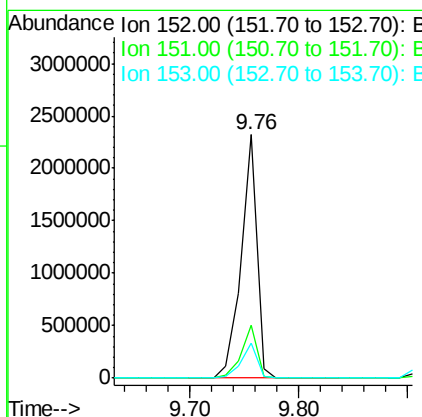
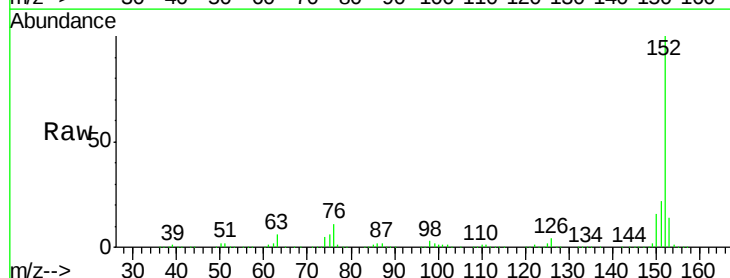
Manual Integrations
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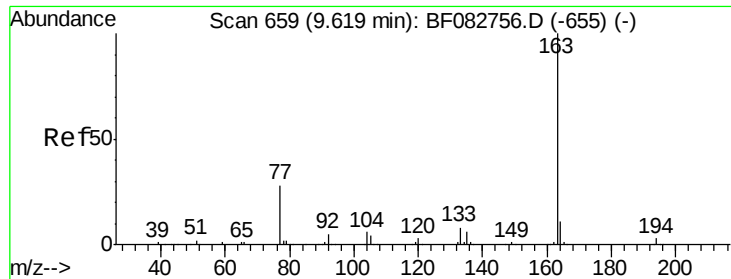
Mmdadoda
11/9/2015 2:10:33 PM



#48
Acenaphthylene
Concen: 43.58 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.3	25.9
153	14.5	11.3	16.9





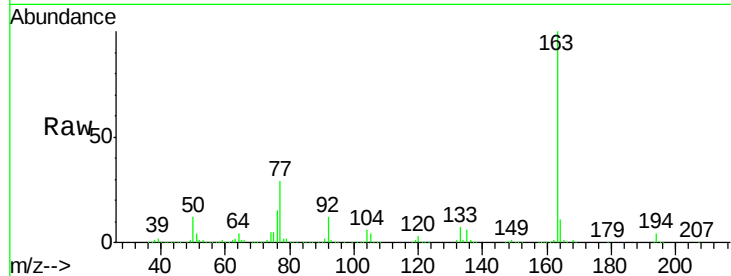
#49
Dimethylphthalate
Concen: 55.29 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

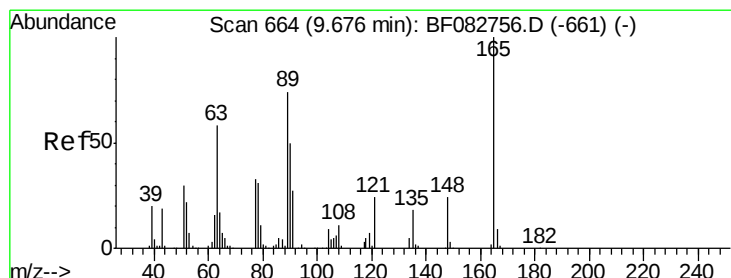
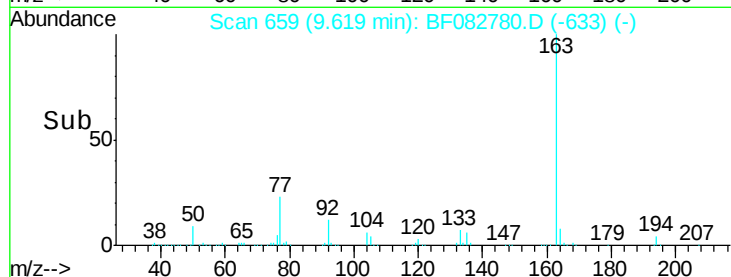
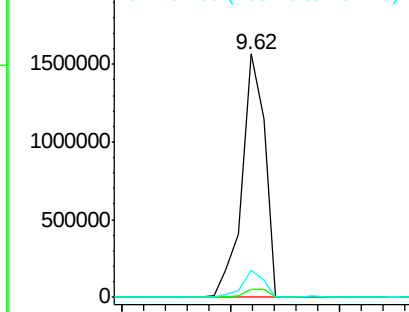
Tot Ion:163 Resp: 2269807
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 11.4 8.7 13.1

Manual Integrations
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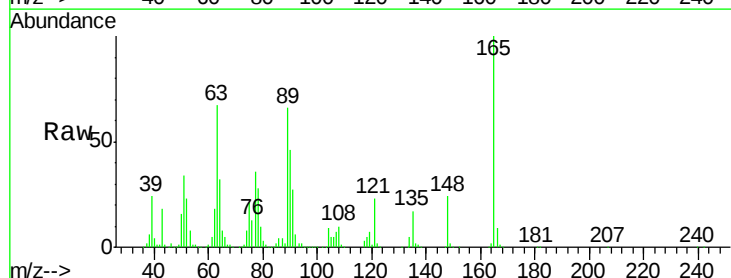


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

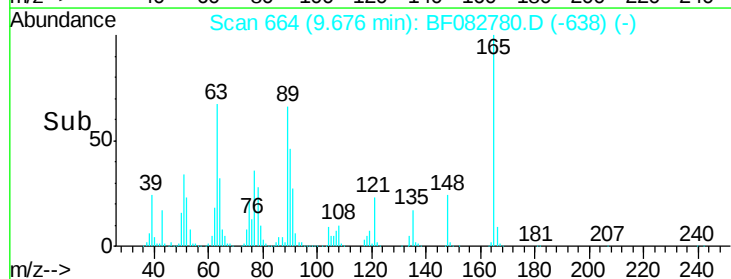
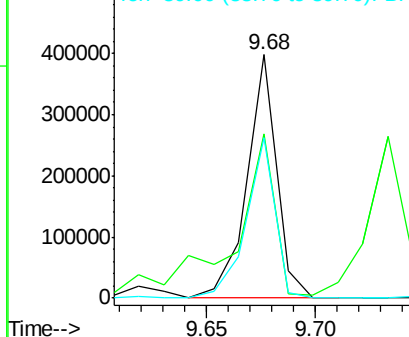


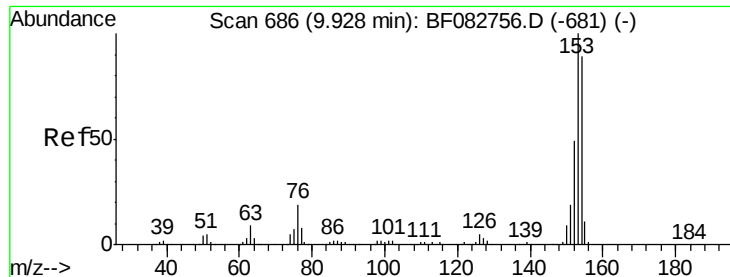
#50
2,6-Dinitrotoluene
Concen: 42.91 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion:165 Resp: 375861
Ion Ratio Lower Upper
165 100
63 67.4 55.5 83.3
89 66.0 55.0 82.6



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





#51

Acenaphthene

Concen: 47.52 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion:154 Resp: 1583029

Ion Ratio Lower Upper

154 100

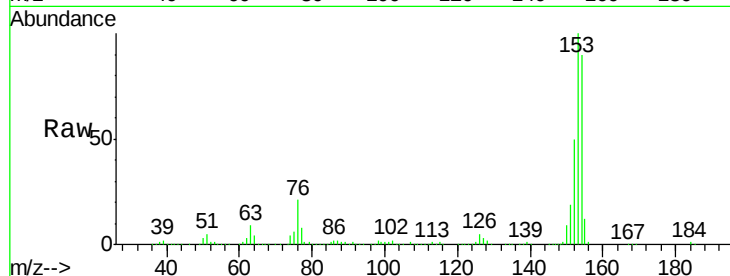
153 111.2 90.1 135.1

152 55.9 44.3 66.5

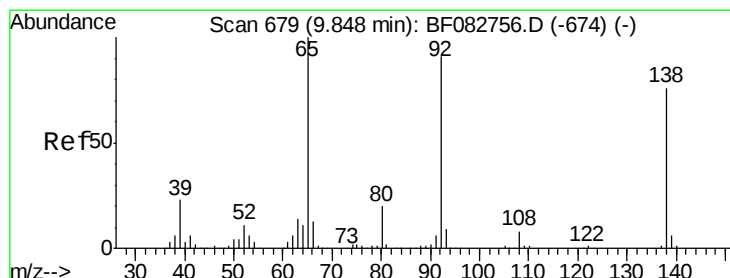
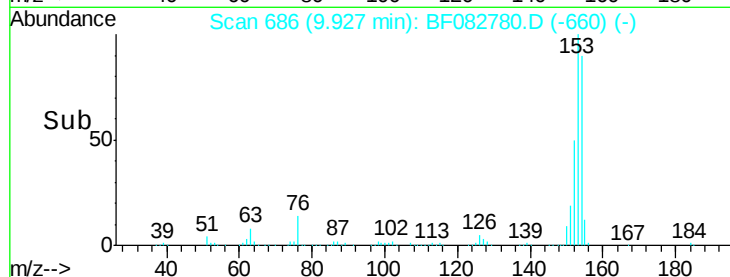
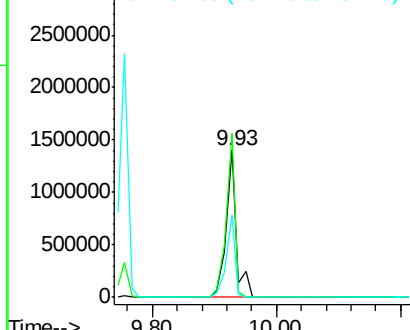
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.63 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

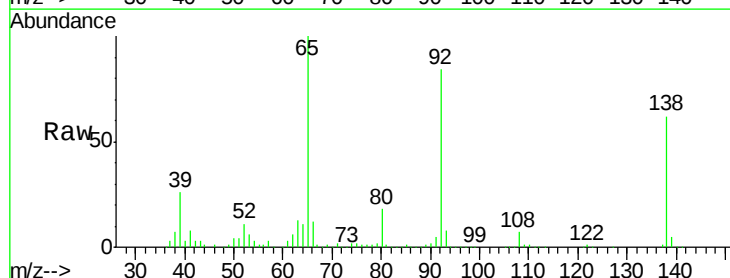
Tgt Ion:138 Resp: 189112

Ion Ratio Lower Upper

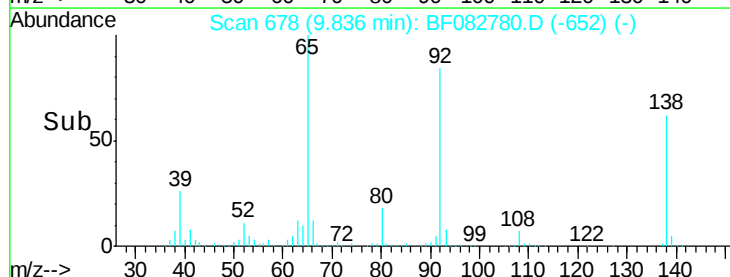
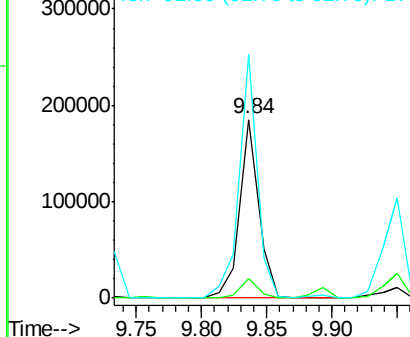
138 100

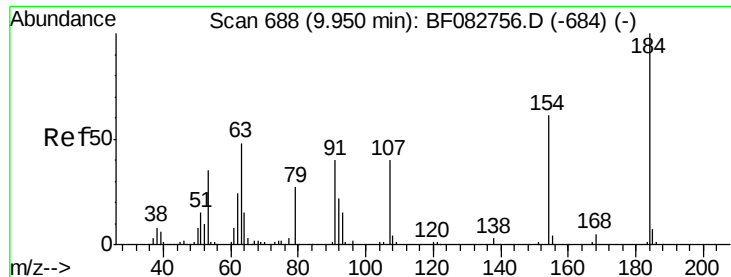
108 11.2 11.3 16.9#

92 136.2 122.4 183.6



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





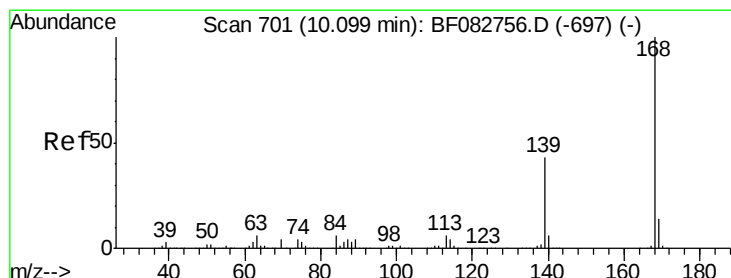
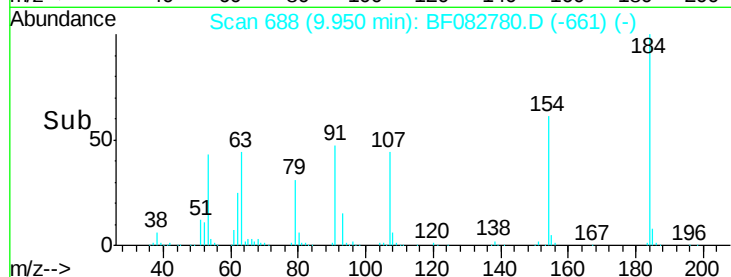
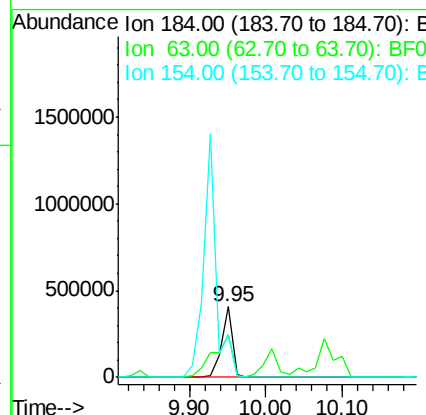
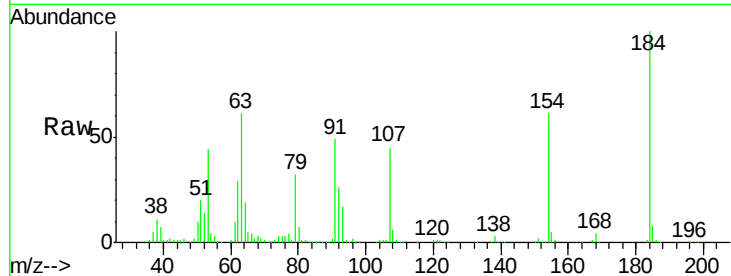
#53
2,4-Dinitrophenol
Concen: 82.65 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.7	98.6	148.0#	
154	61.3	183.9	275.9#	

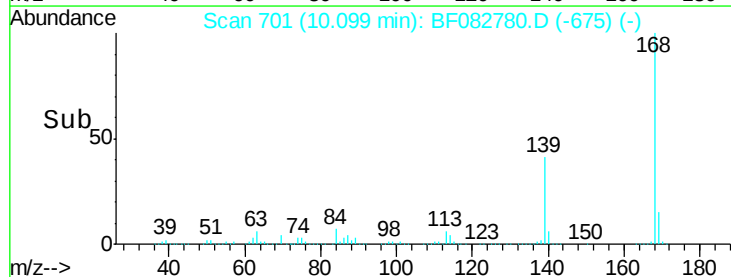
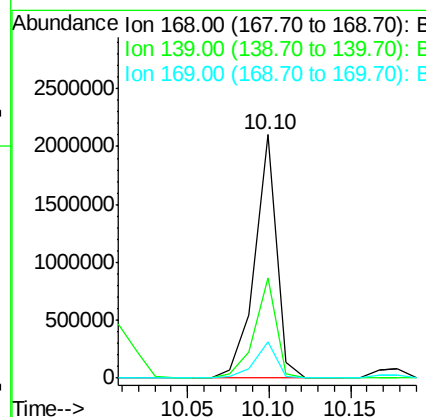
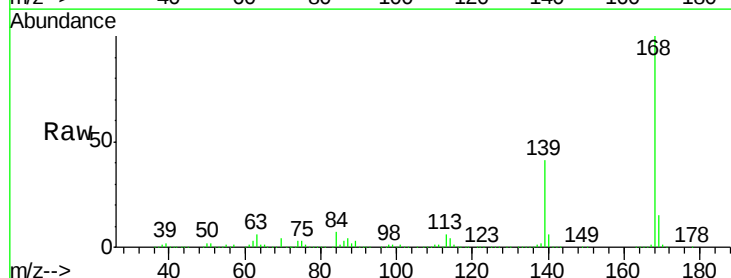
Manual Integrations
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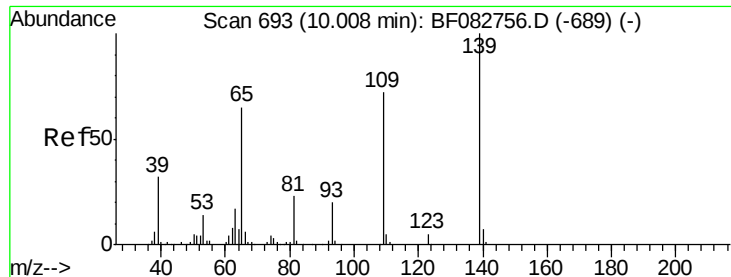
Mmdadoda
11/9/2015 2:10:33 PM



#54
Dibenzofuran
Concen: 43.57 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.2	37.8	56.6	
169	14.7	11.3	16.9	





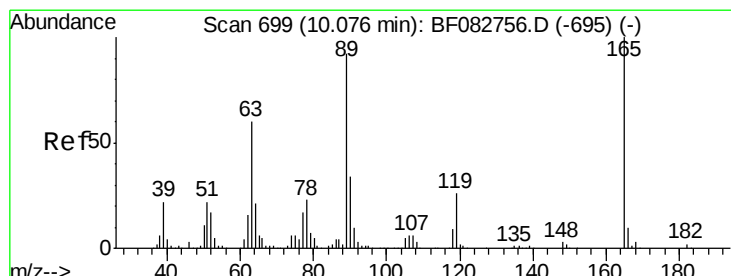
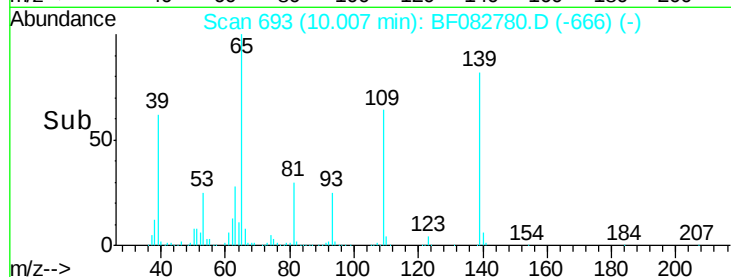
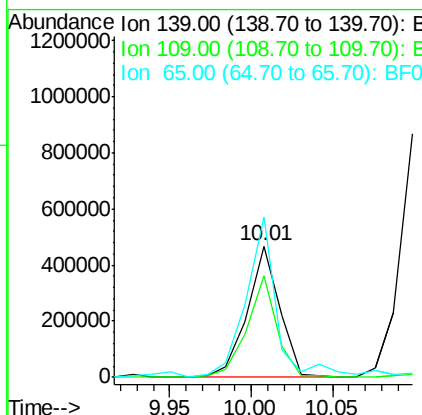
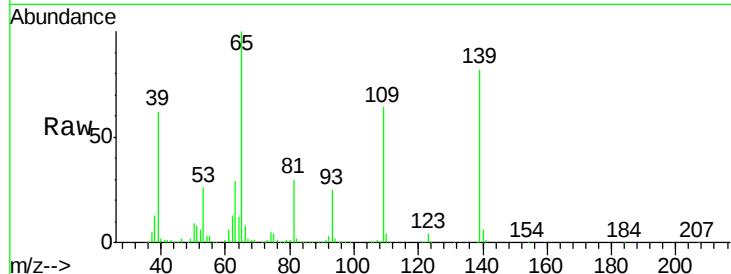
#55
4-Nitrophenol
Concen: 88.08 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.8	73.7	113.7
65	121.9	82.9	122.9

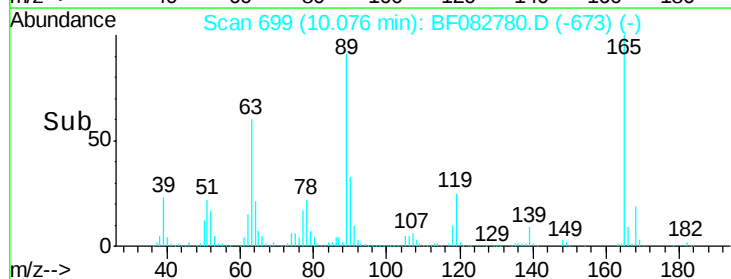
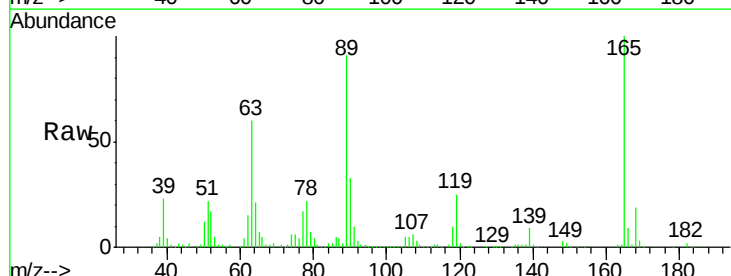
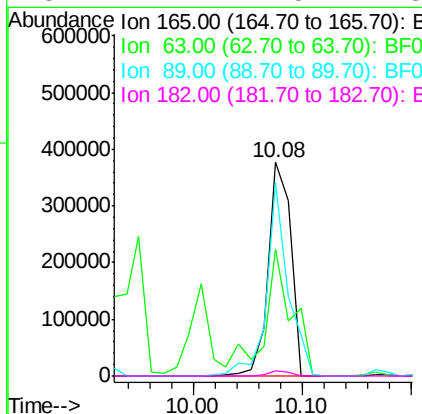
Manual Integrations
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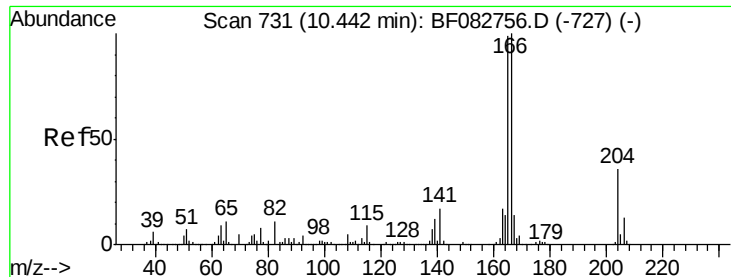
Mmdadoda
11/9/2015 2:10:33 PM



#56
2,4-Dinitrotoluene
Concen: 45.56 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.6	43.4	65.0
89	90.7	70.6	106.0
182	2.1	1.5	2.3





#57

Fluorene

Concen: 43.00 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion:166 Resp: 1564024

Ion Ratio Lower Upper

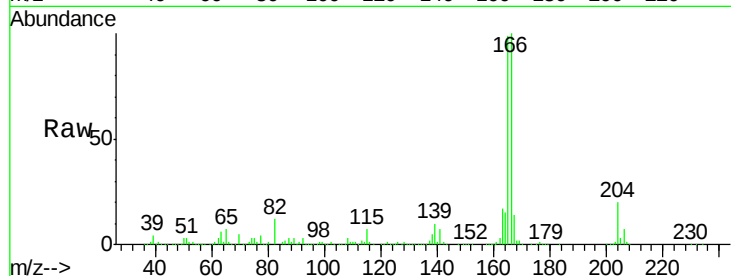
166 100

165 98.6 80.2 120.4

167 14.3 11.2 16.8

Manual Integrations
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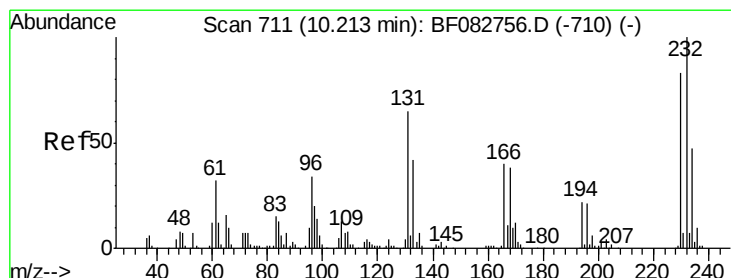
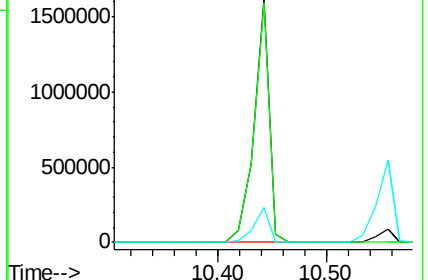
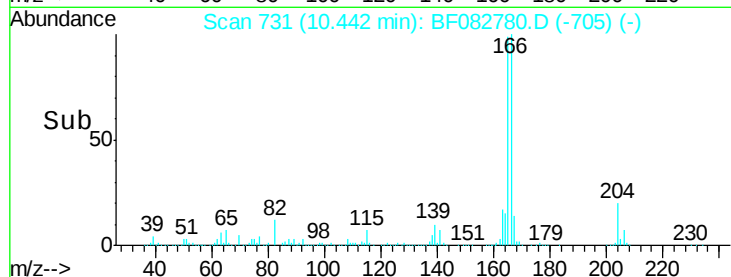
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.71 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Tgt Ion:232 Resp: 443574

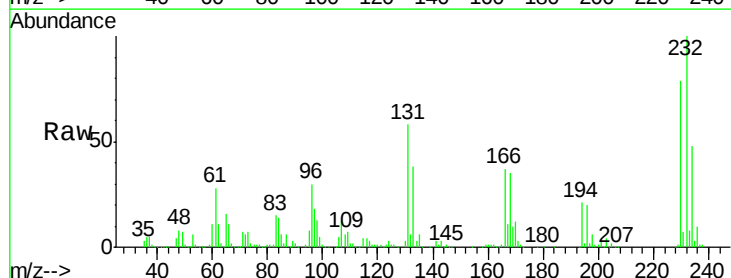
Ion Ratio Lower Upper

232 100

131 44.4 46.2 69.2#

130 2.0 2.4 3.6#

166 29.9 28.2 42.2

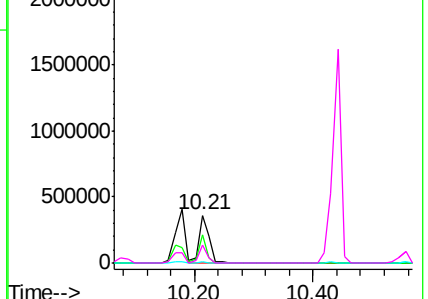
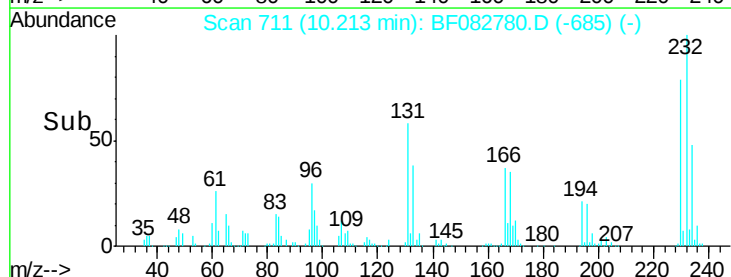


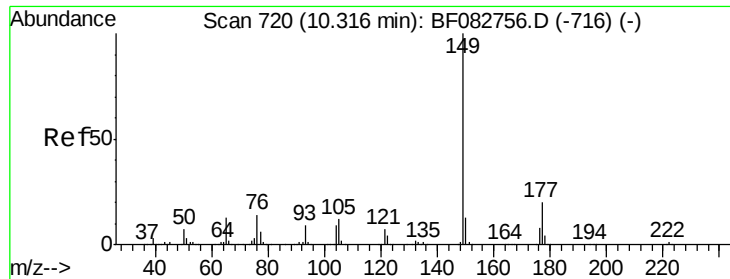
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





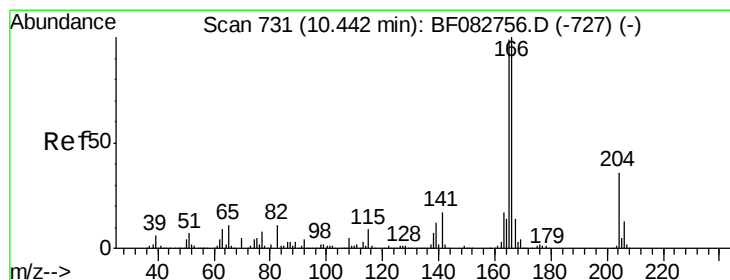
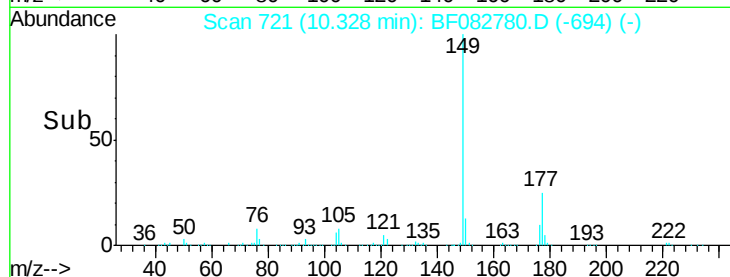
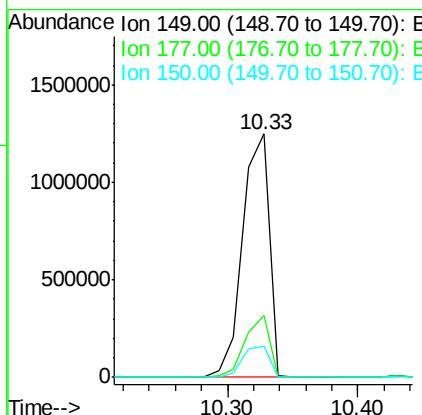
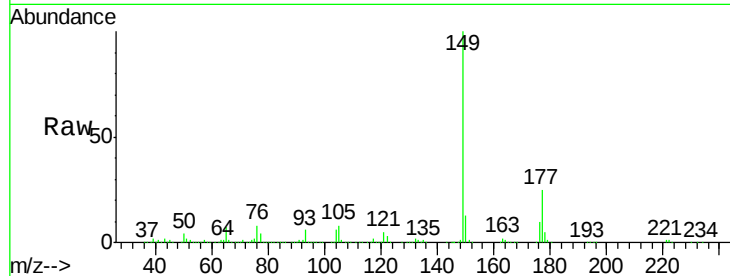
#59
Diethylphthalate
Concen: 44.15 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.5	17.9	26.9
150	12.7	10.1	15.1

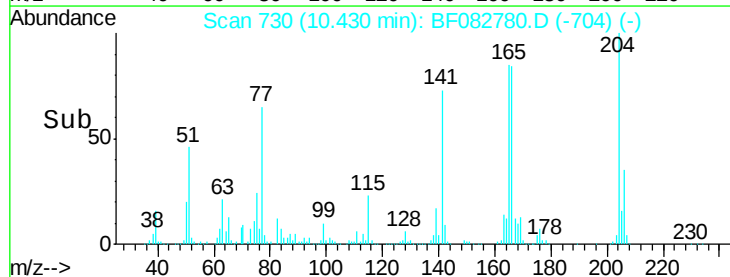
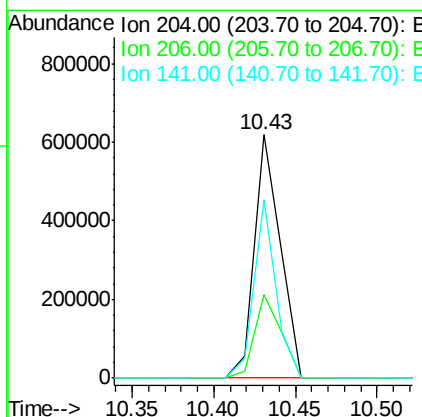
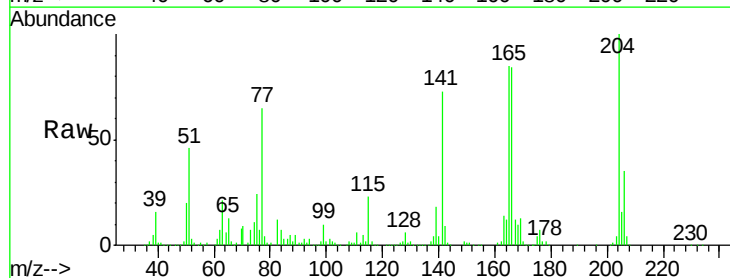
Manual Integrations
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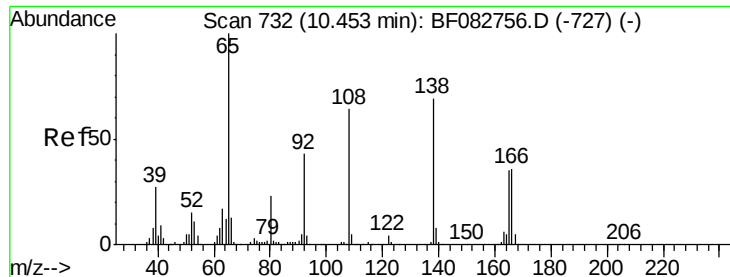
Mmdadoda
11/9/2015 2:10:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.59 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	28.5	42.7
141	73.1	44.6	66.8#





#61

4-Nitroaniline

Concen: 43.12 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

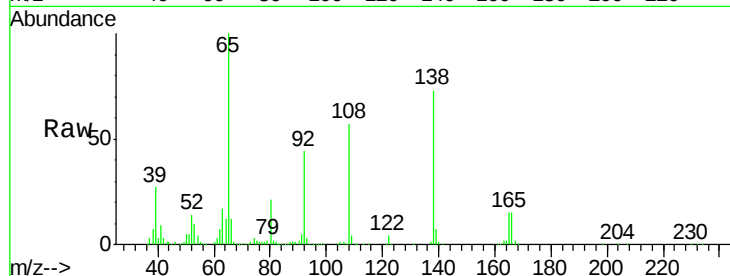
COFF-WP11-1(0-2)MS

Manual Integrations
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Mmdadoda

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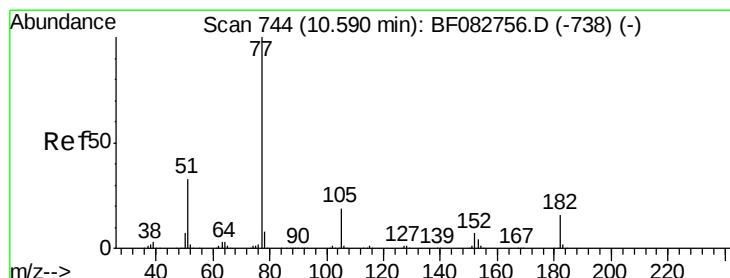
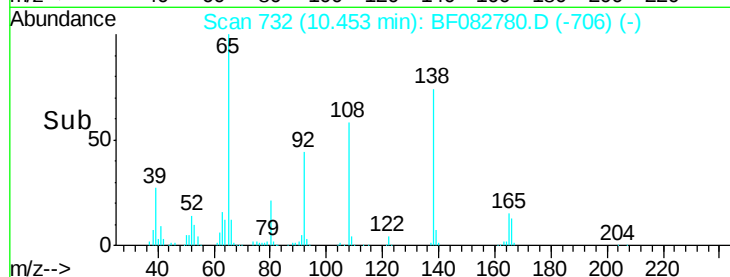
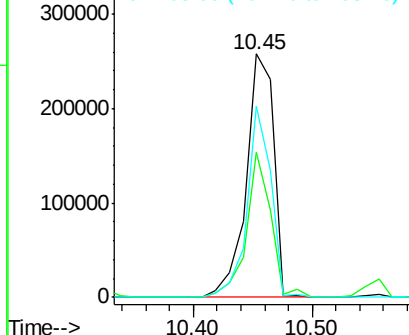
Tot Ion	Ratio	Lower	Upper
138	100		
92	59.7	45.8	85.8
108	78.5	89.4	129.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.63 ng

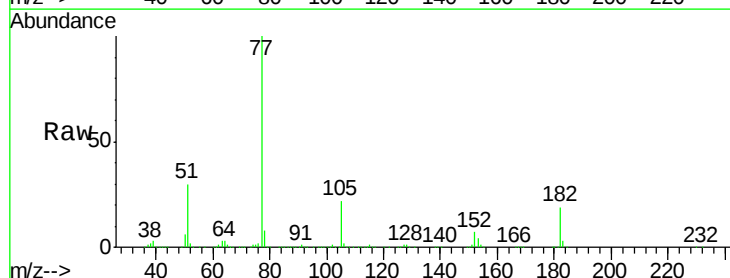
RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.9	9.3	49.3
105	21.8	2.6	42.6
51	29.9	9.9	49.9

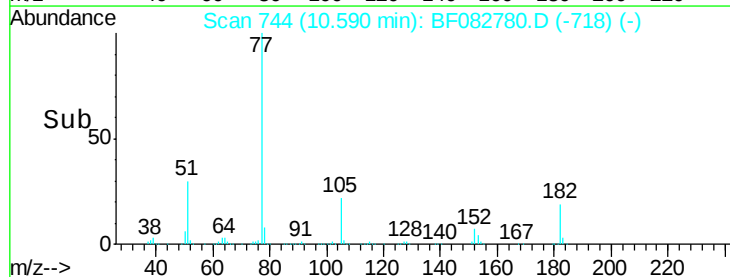
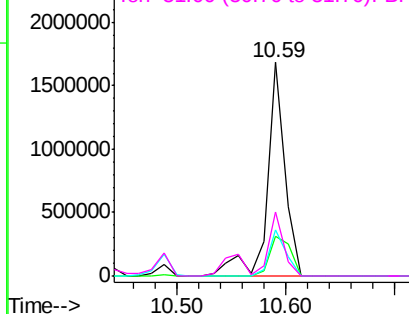


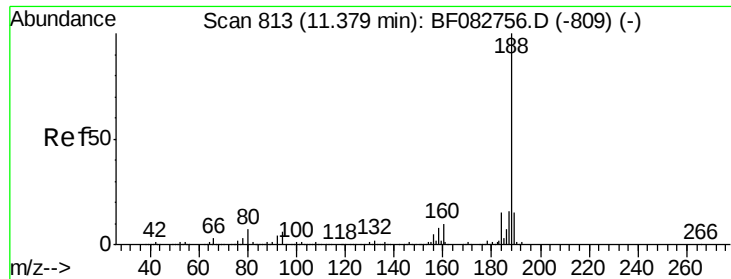
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





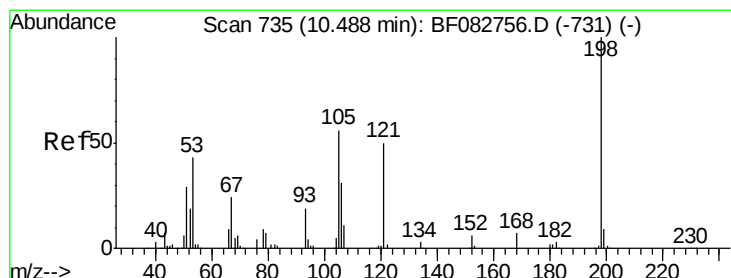
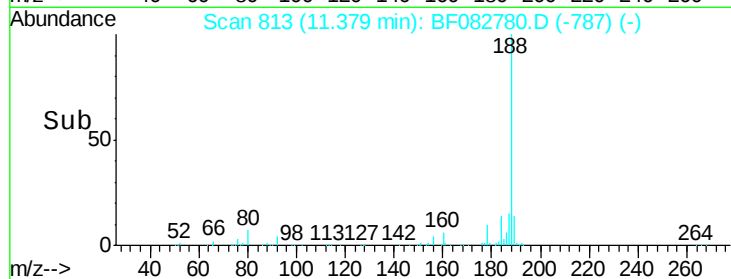
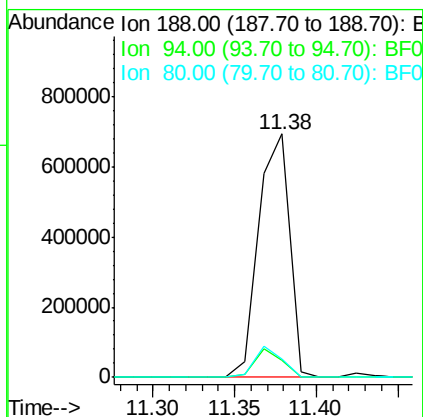
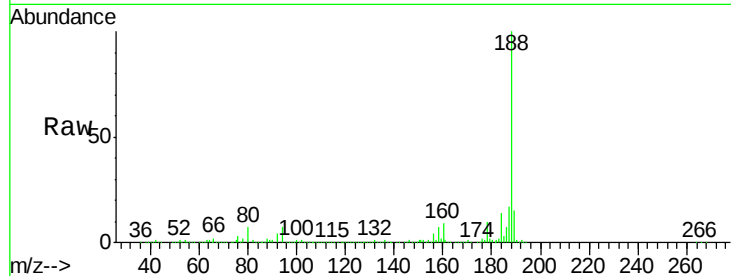
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	917234		
94	7.0	6.1	9.1	
80	7.4	7.0	10.6	

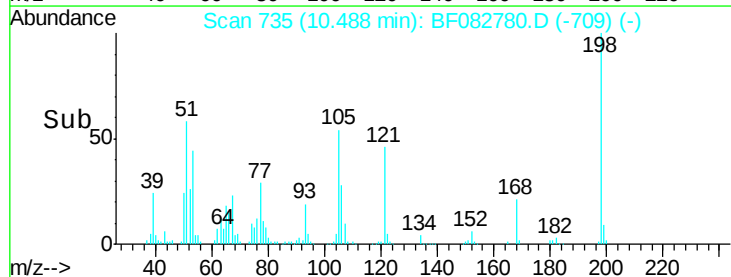
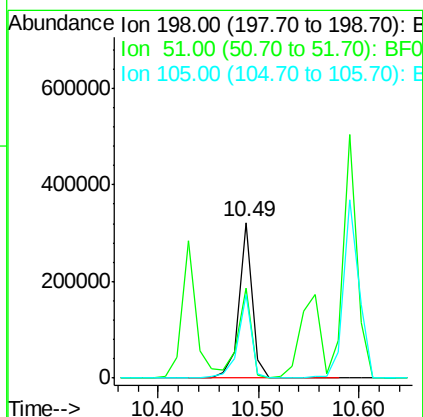
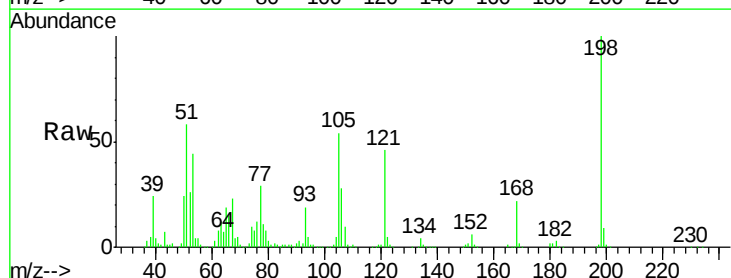
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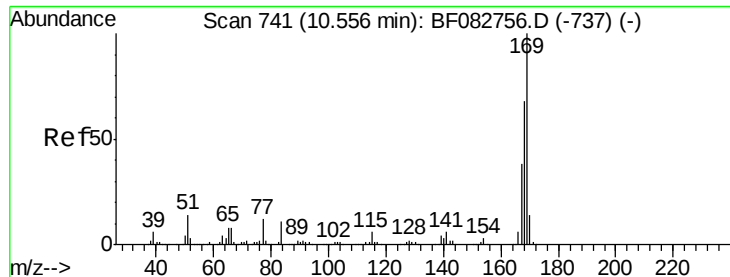
Mmdadoda
11/9/2015 2:10:33 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.25 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	295697		
51	57.9	17.3	57.3#	
105	53.9	21.7	61.7	





#65

n-Nitrosodiphenylamine

Concen: 45.37 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion:169 Resp: 1503487

Ion Ratio Lower Upper

169 100

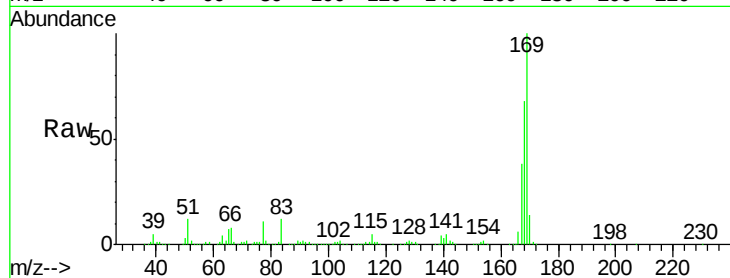
168 68.2 55.0 82.6

167 38.5 30.5 45.7

Manual Integrations
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Mmdadoda

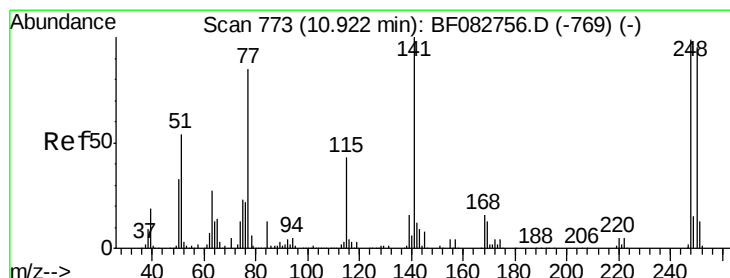
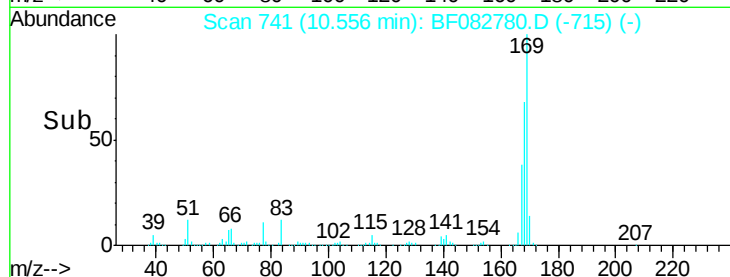
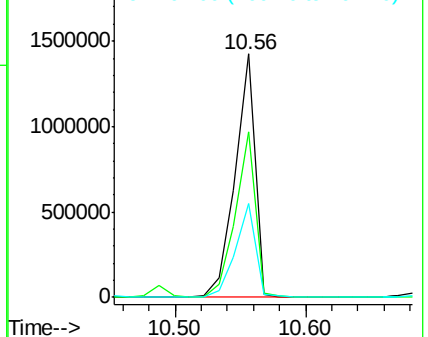
11/9/2015 2:10:33 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.53 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

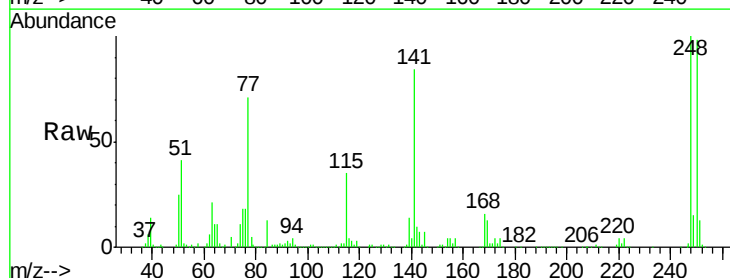
Tgt Ion:248 Resp: 458685

Ion Ratio Lower Upper

248 100

250 98.4 79.4 119.2

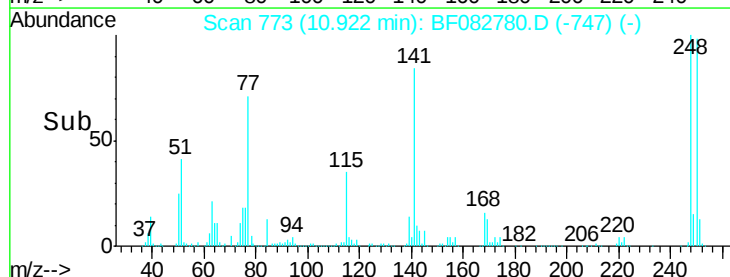
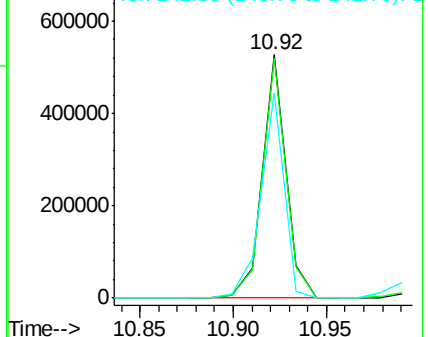
141 84.4 36.3 54.5#

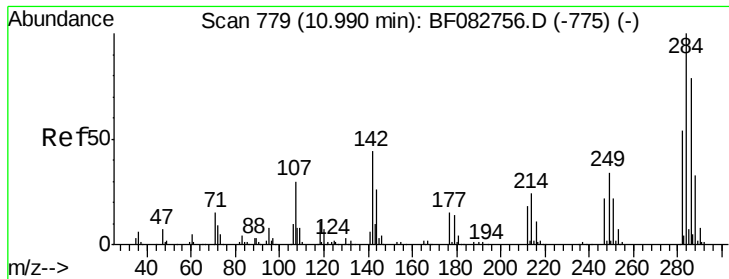


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





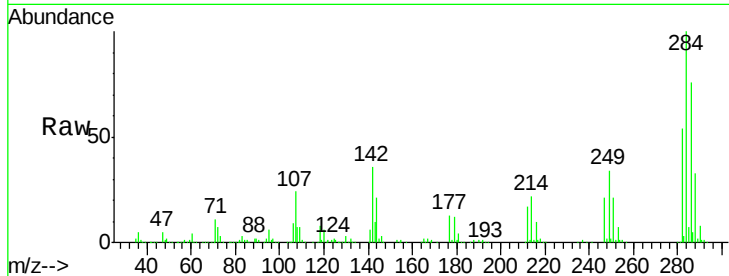
#67
Hexachlorobenzene
Concen: 41.00 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

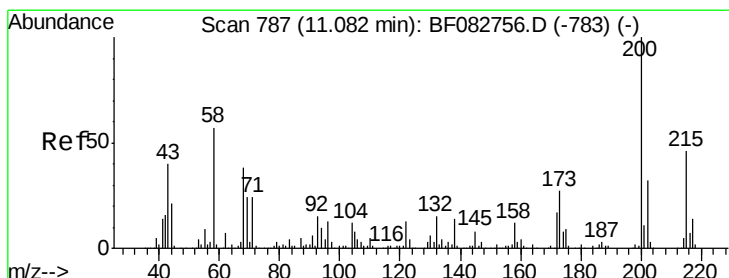
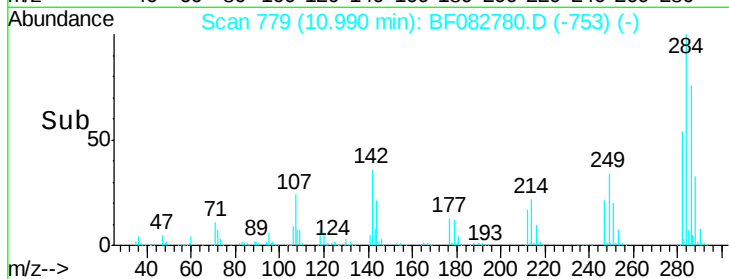
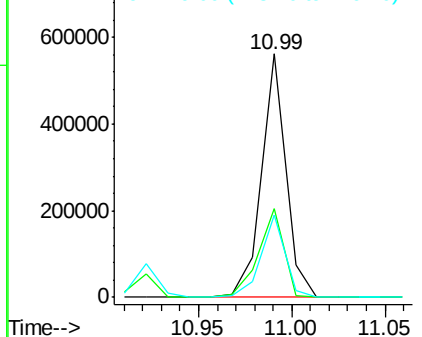
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.2	47.9	71.9	
249	33.7	29.7	44.5	

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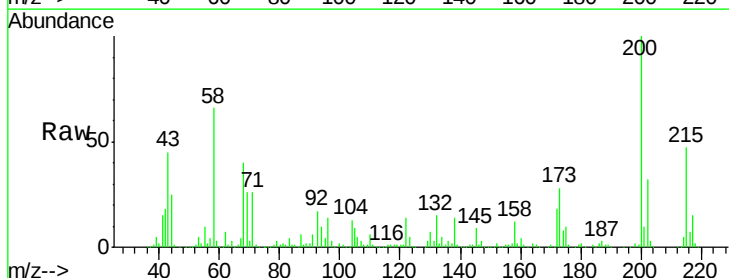


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

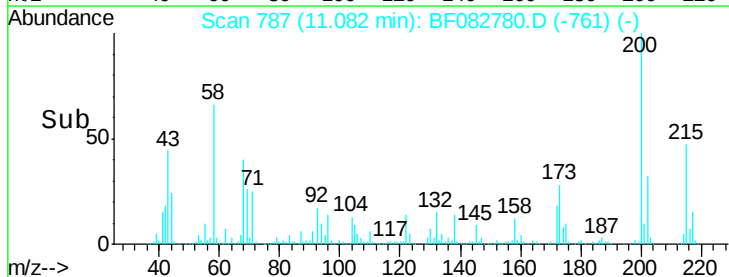
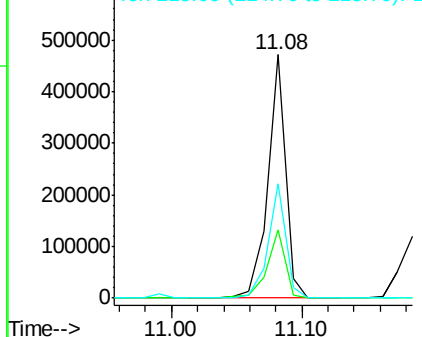


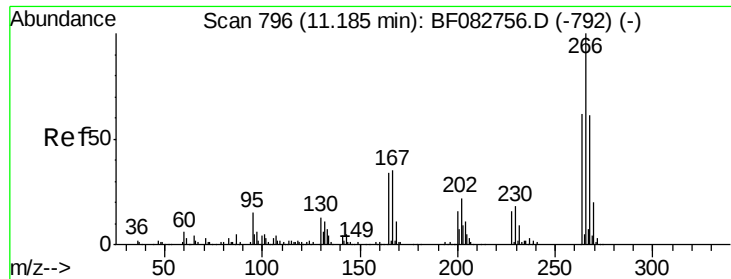
#68
Atrazine
Concen: 43.83 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.0	6.9	46.9	
215	46.9	22.9	62.9	



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





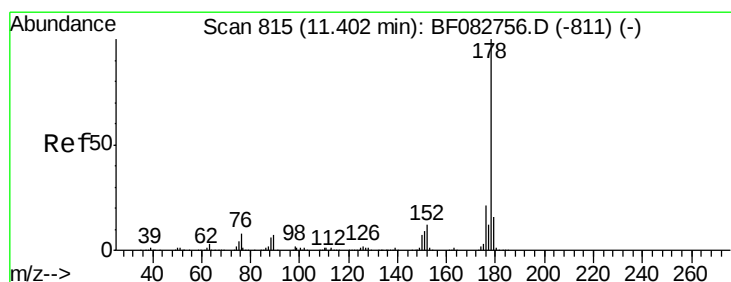
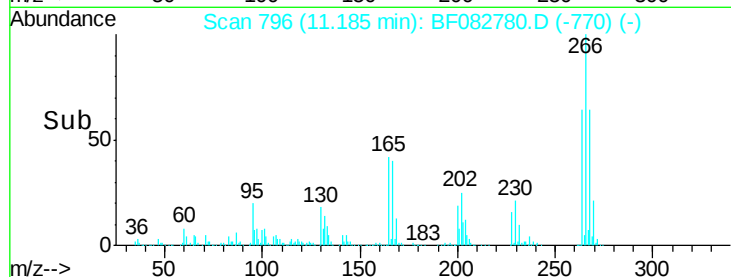
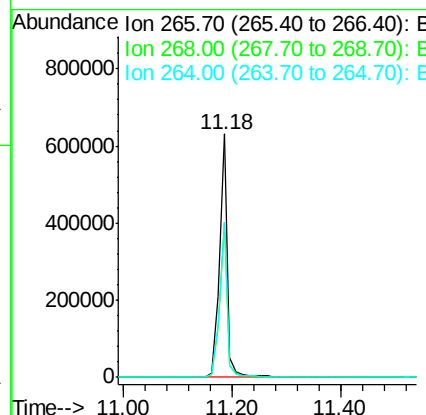
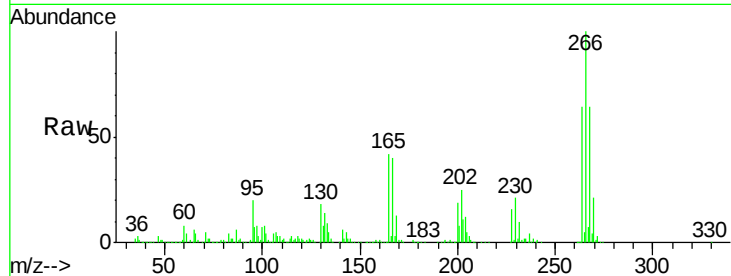
#69
 Pentachlorophenol
 Concen: 87.73 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	63.6	50.6	75.8

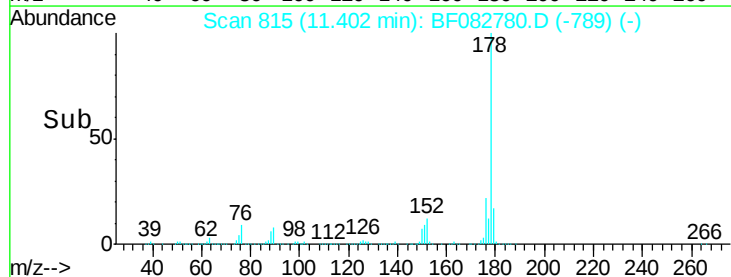
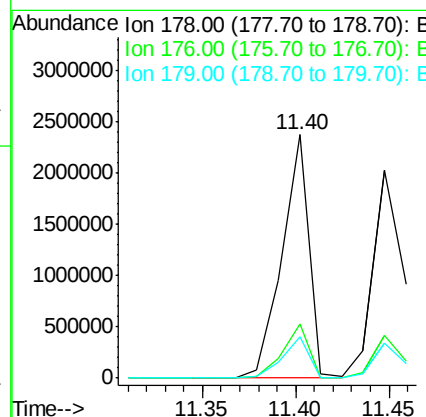
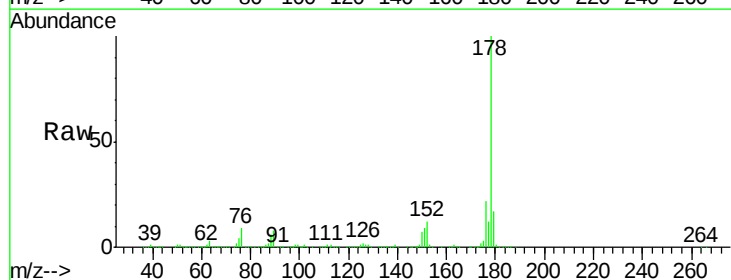
Manual Integrations
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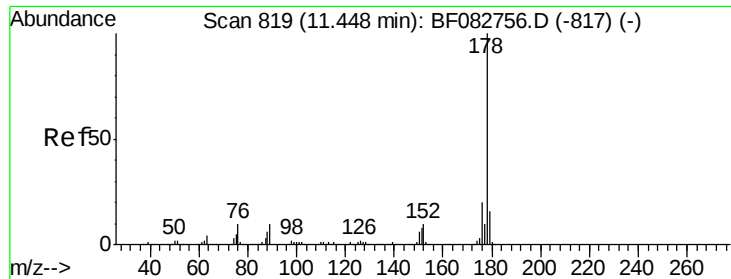
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 11/9/2015 2:10:33 PM



#70
 Phenanthrene
 Concen: 44.54 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	17.0	25.4
179	17.3	13.4	20.0





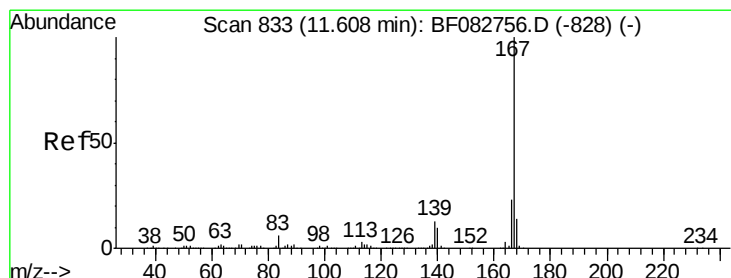
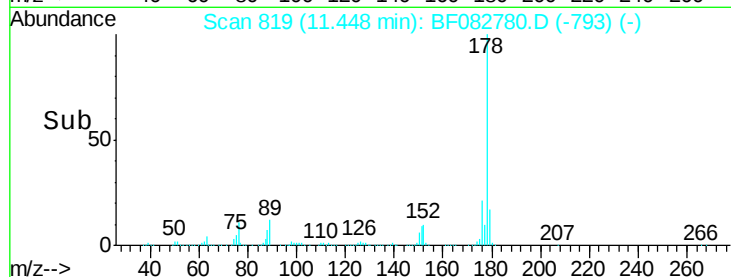
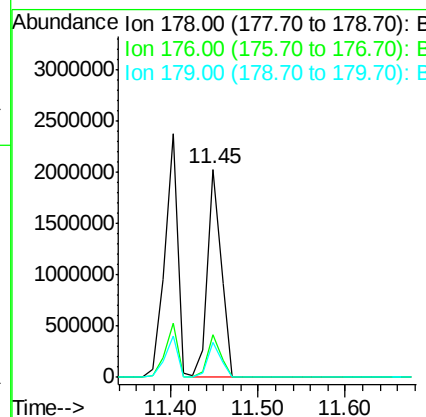
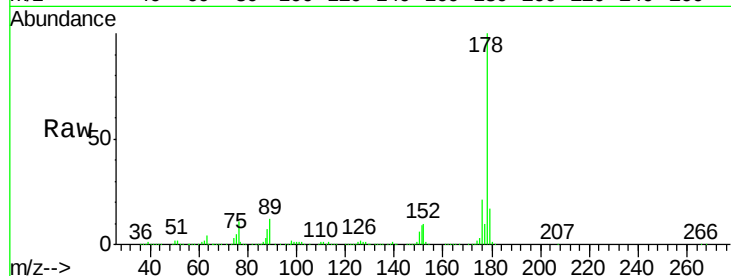
#71
 Anthracene
 Concen: 39.36 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

Tot Ion:178 Resp: 2208255
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.5 24.7
 179 17.1 13.2 19.8

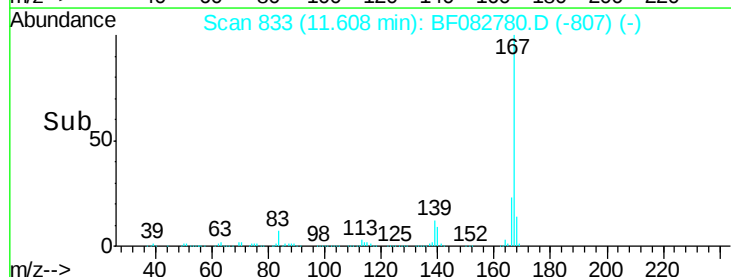
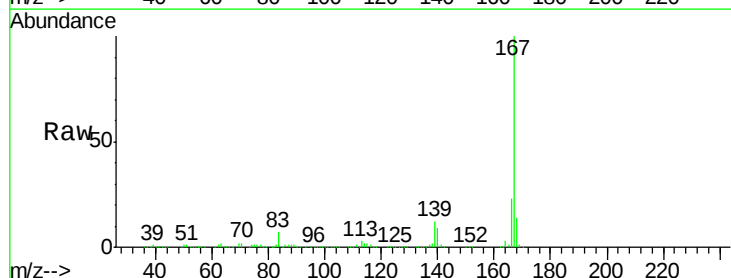
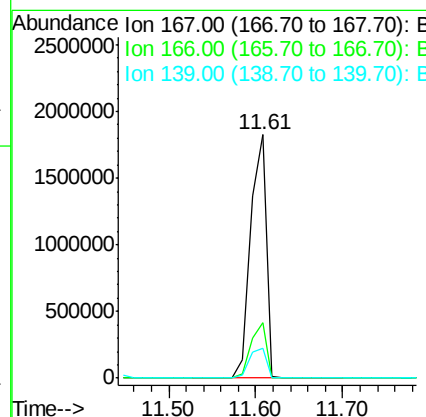
Manual Integrations
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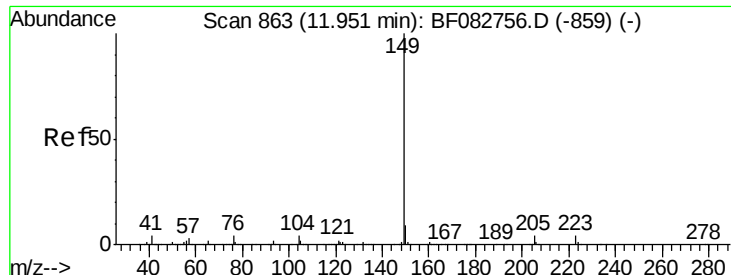
Mmdadoda
 11/9/2015 2:10:33 PM



#72
 Carbazole
 Concen: 47.00 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Tgt Ion:167 Resp: 2308504
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 12.3 11.8 17.6





#73

Di-n-butylphthalate

Concen: 40.64 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

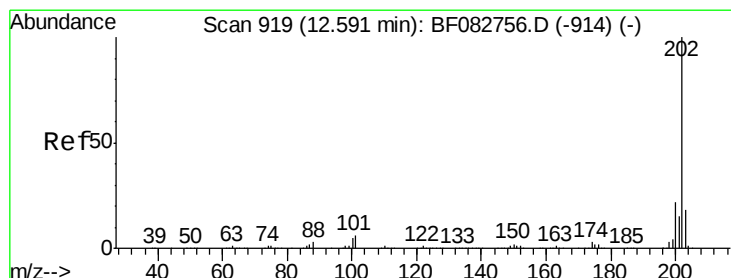
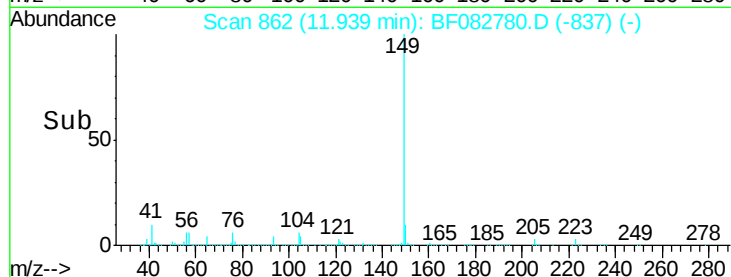
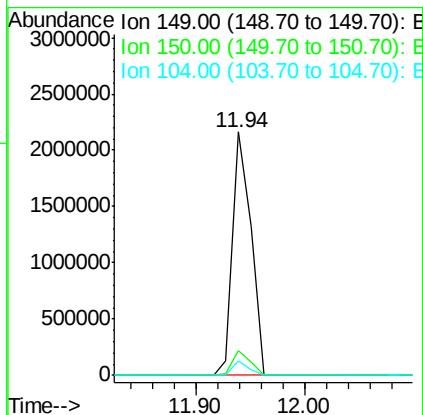
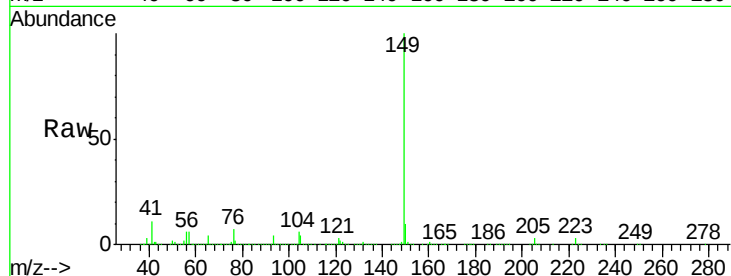
COFF-WP11-1(0-2)MS

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Tot	Ion:149	Resp: 2486752	
Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	5.9	5.2	7.8



#74

Fluoranthene

Concen: 42.74 ng

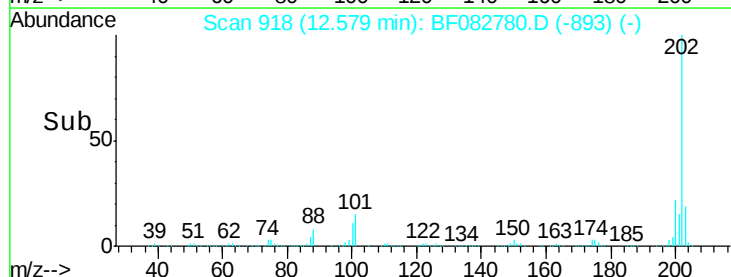
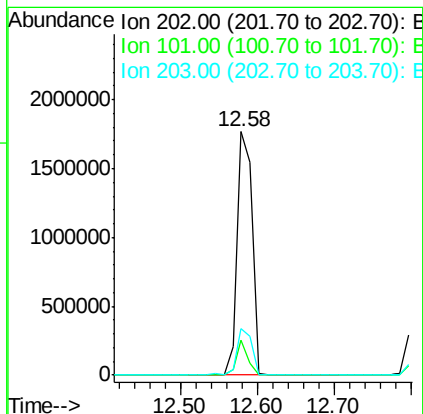
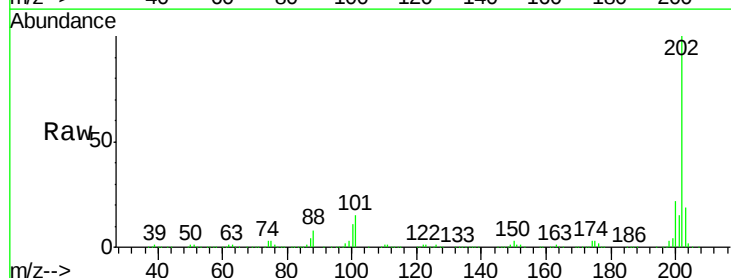
RT: 12.58 min Scan# 918

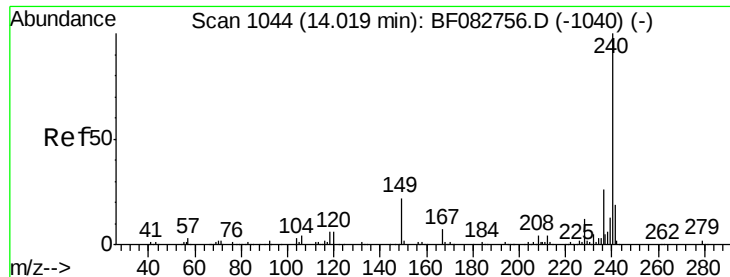
Delta R.T. -0.01 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Tgt	Ion:202	Resp: 2443216	
Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	30.5
203	19.0	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

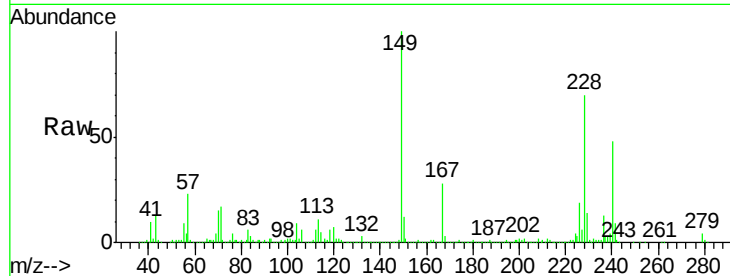
ClientSampleId :

COFF-WP11-1(0-2)MS

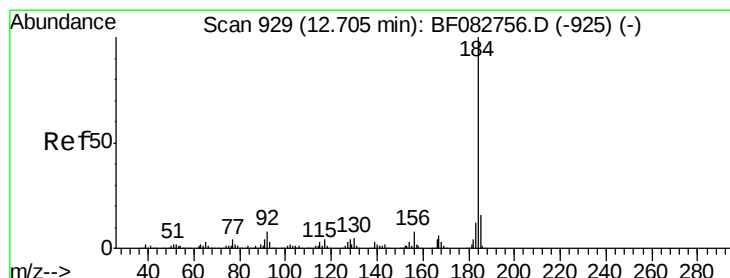
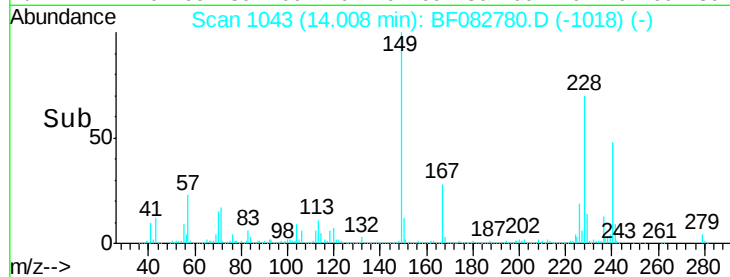
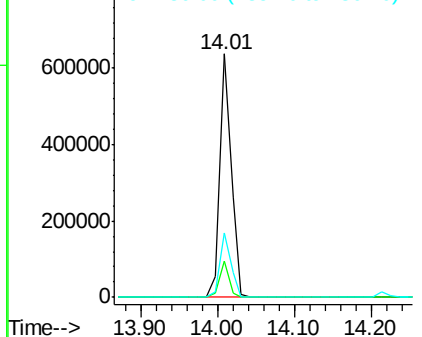
Tot Ion:	240	Resp:	667997
Ion Ratio		Lower	Upper
240	100		
120	14.6	10.9	16.3
236	26.6	21.6	32.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.54 ng

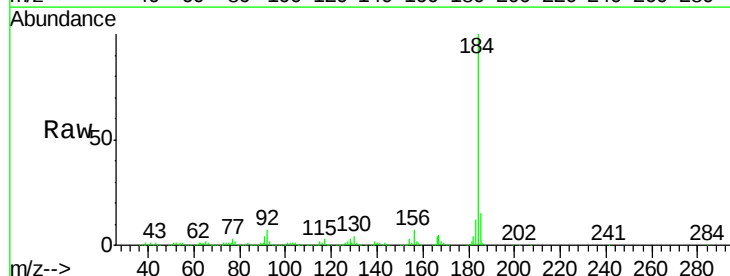
RT: 12.70 min Scan# 929

Delta R.T. 0.00 min

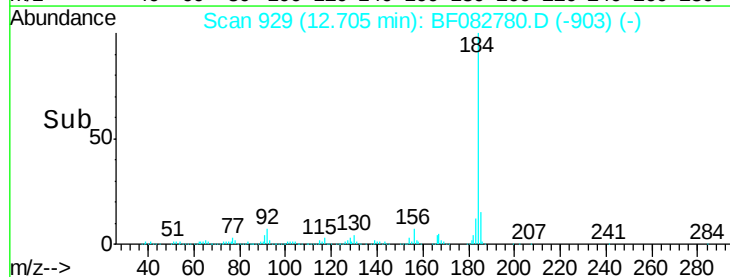
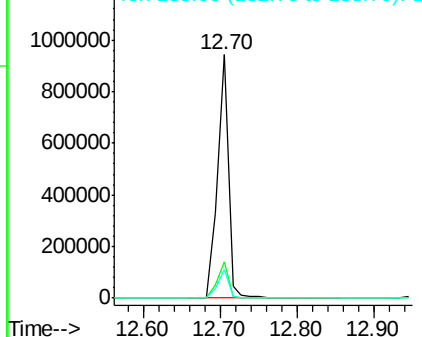
Lab File: BF082780.D

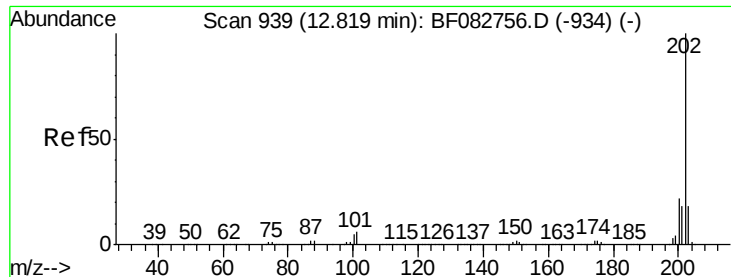
Acq: 7 Nov 2015 00:20

Tgt Ion:	184	Resp:	929944
Ion Ratio		Lower	Upper
184	100		
185	14.7	12.0	18.0
183	11.8	9.6	14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





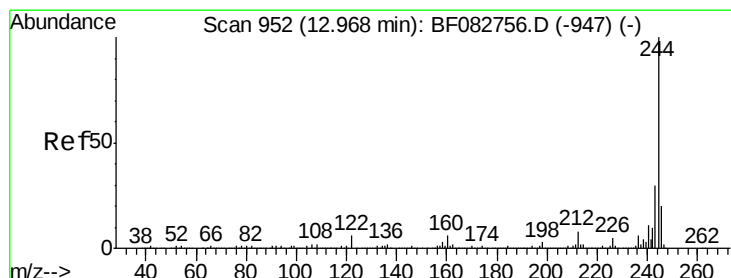
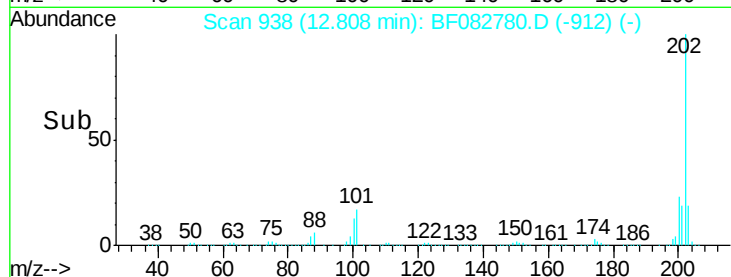
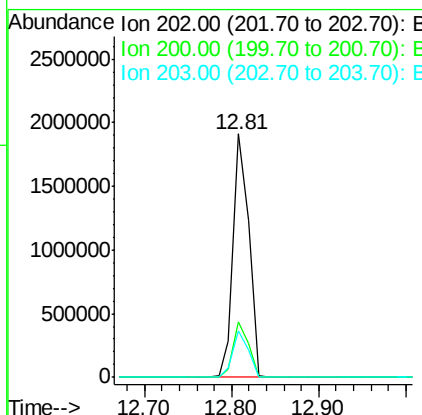
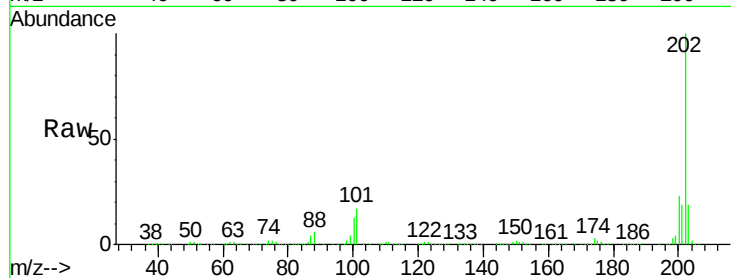
#77
Pvrene
Concen: 51.67 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.7	28.1
203	19.0	14.8	22.2

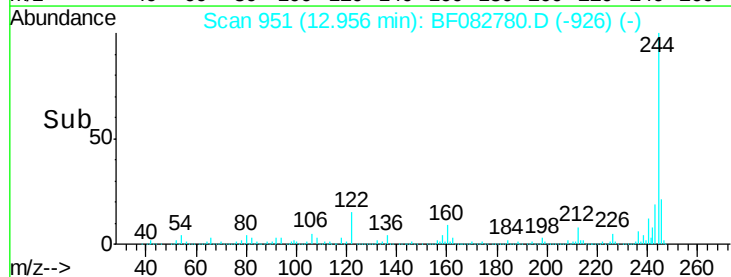
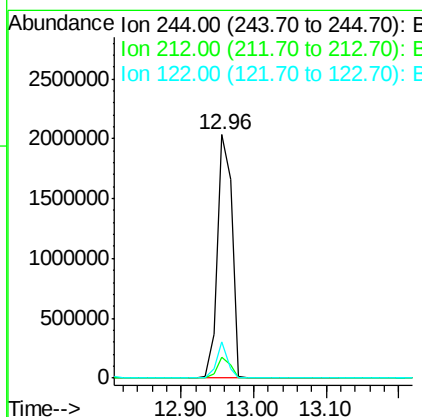
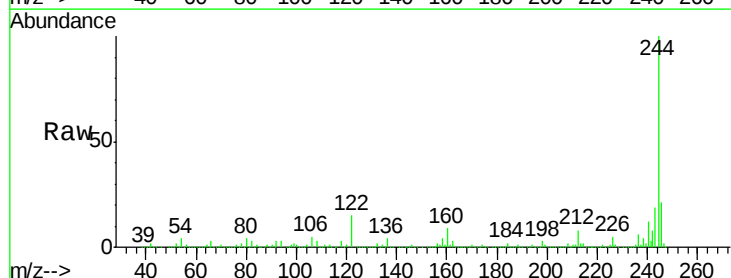
Manual Integrations
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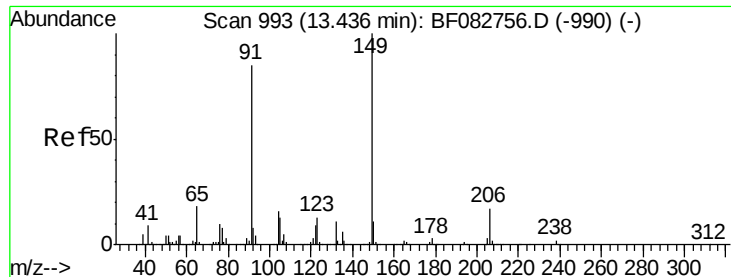
Mmdadoda
11/9/2015 2:10:33 PM



#78
Terphenyl-d14
Concen: 100.01 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.6	11.4
122	14.8	11.3	16.9





#79

Butylbenzylphthalate

Concen: 53.55 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion:149 Resp: 1085270

Ion Ratio Lower Upper

149 100

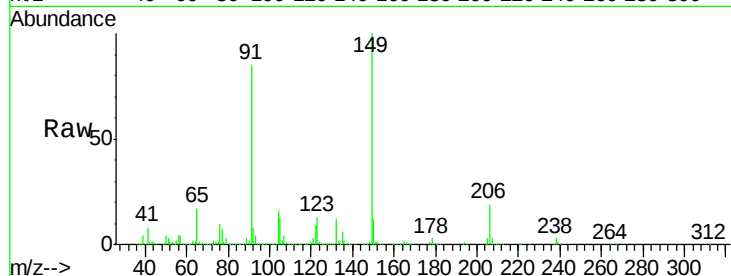
91 84.6 67.7 101.5

206 19.4 14.6 22.0

Manual Integrations
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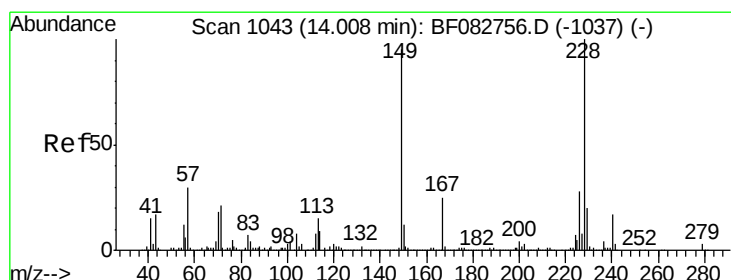
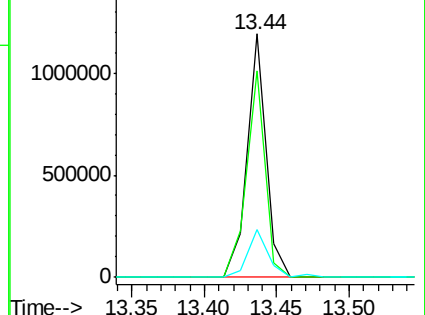
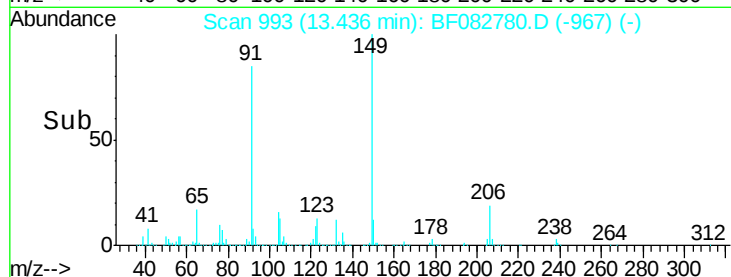
11/9/2015 2:10:33 PM



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: 50.41 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

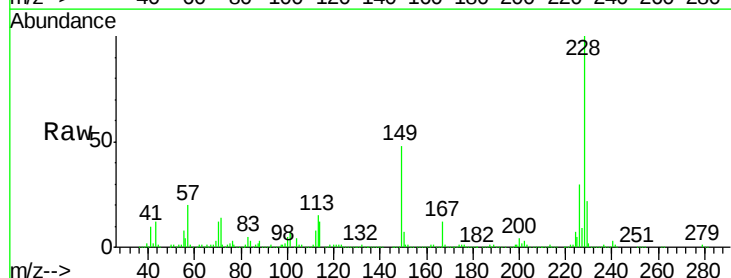
Tgt Ion:228 Resp: 2105849

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

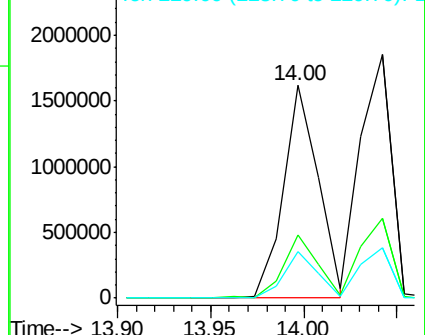
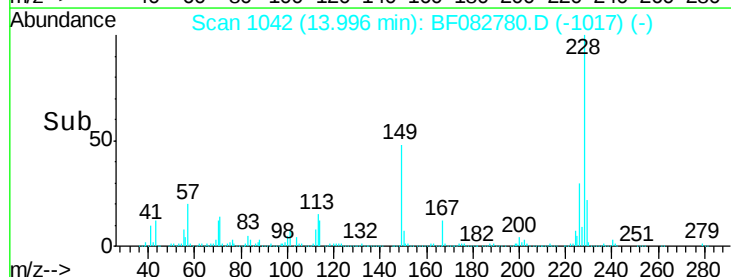
229 21.6 16.3 24.5

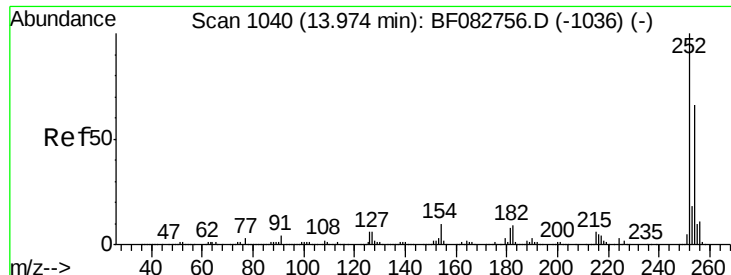


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





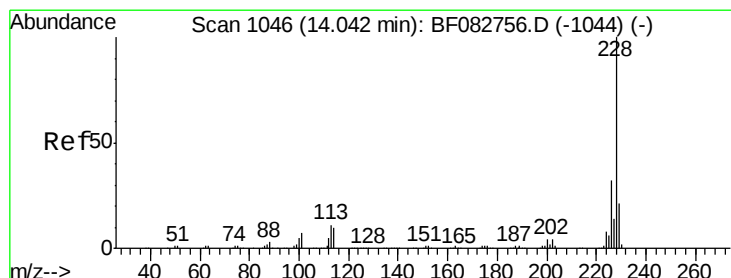
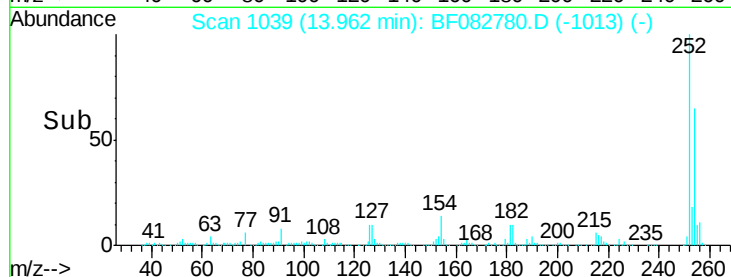
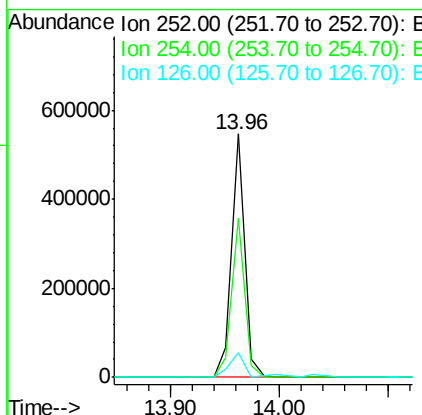
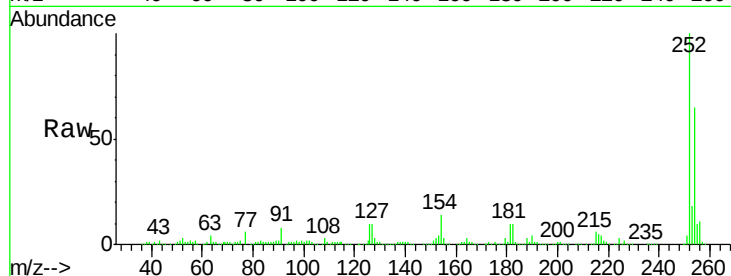
#81
 3,3'-Dichlorobenzidine
 Concen: 30.57 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.4	77.0
126	10.1	10.7	16.1

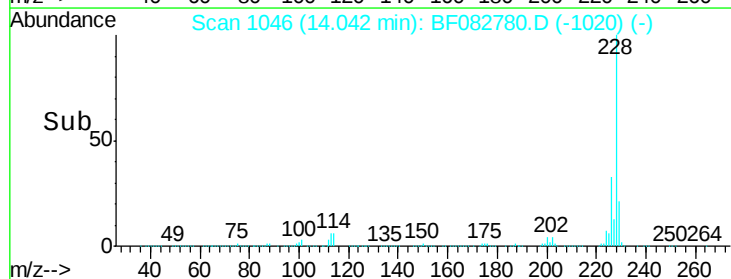
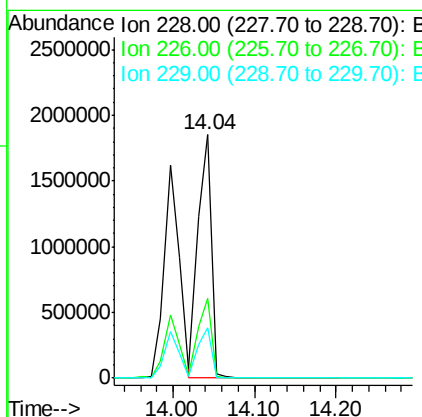
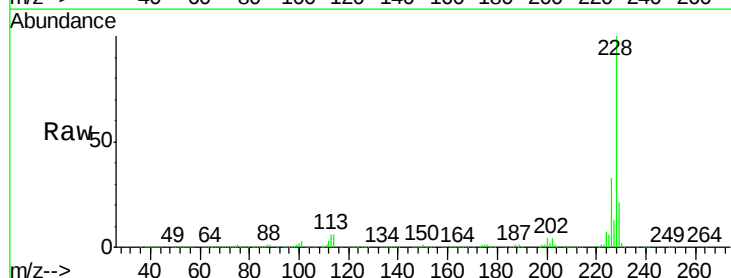
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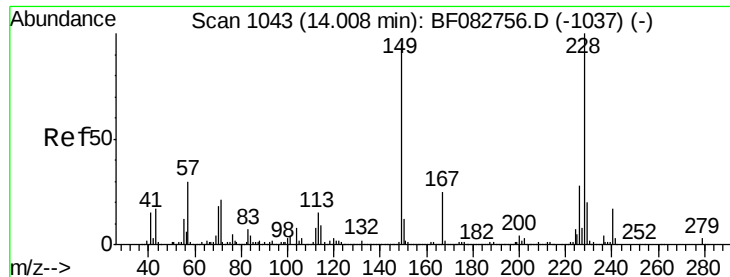
Mmdadoda
 11/9/2015 2:10:33 PM



#82
 Chrysene
 Concen: 56.49 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	20.8	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.32 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion:149 Resp: 1479005

Ion Ratio Lower Upper

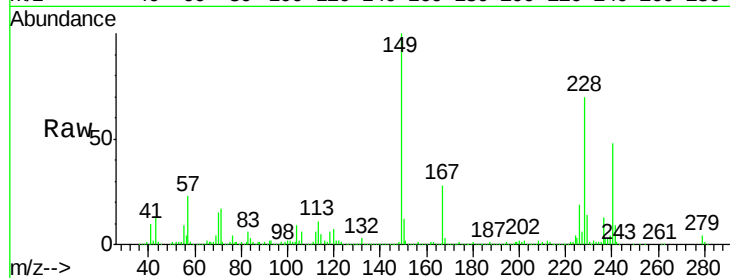
149 100

167 27.9 21.2 31.8

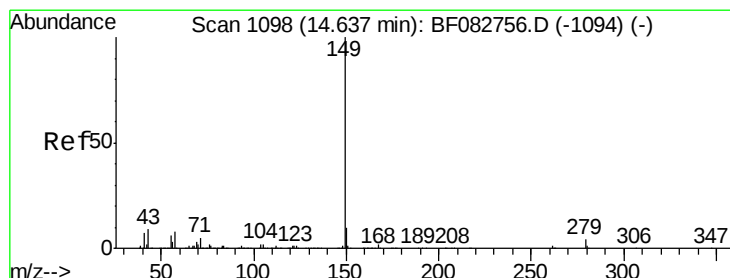
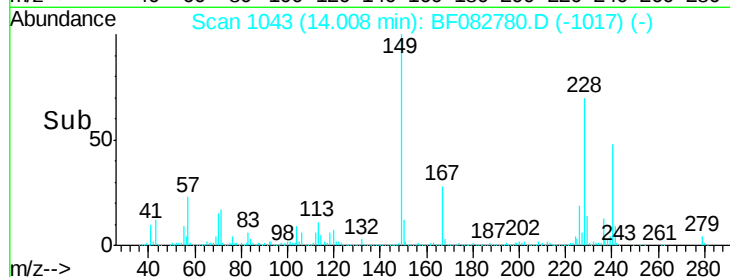
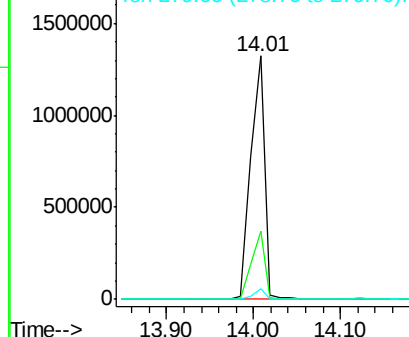
279 4.4 2.2 3.2#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.27 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

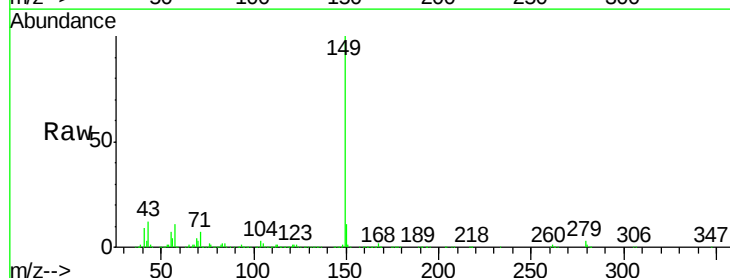
Tgt Ion:149 Resp: 2464795

Ion Ratio Lower Upper

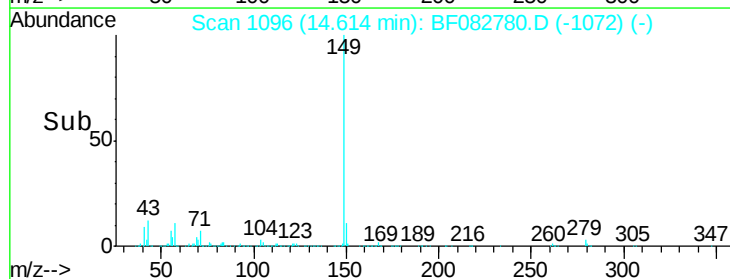
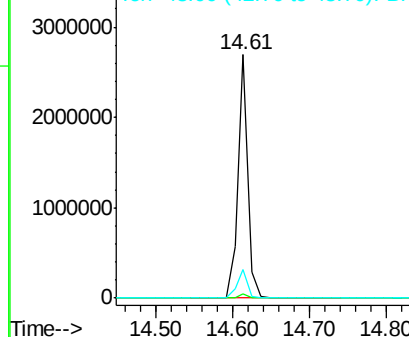
149 100

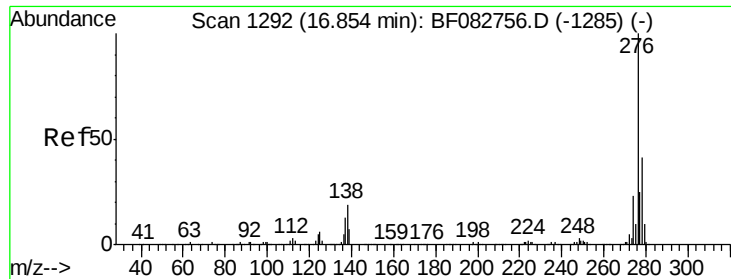
167 1.7 1.3 1.9

43 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 55.80 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-1(0-2)MS

Tot Ion:276 Resp: 1838602

Ion Ratio Lower Upper

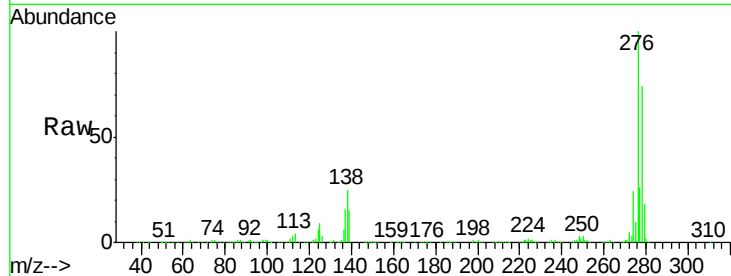
276 100

138 24.7 15.3 22.9#

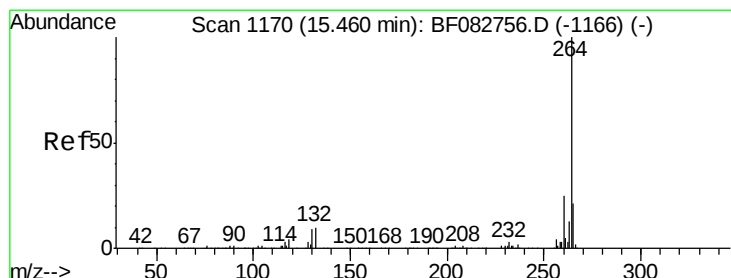
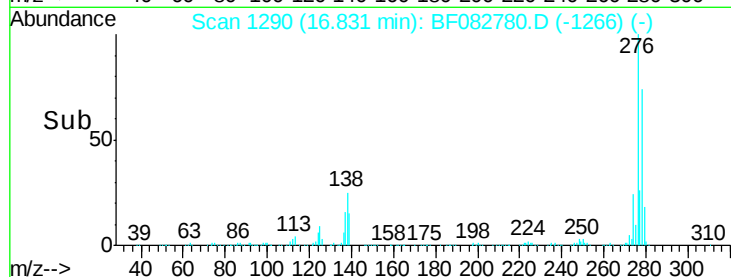
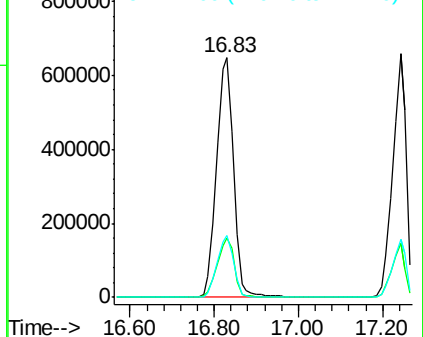
277 25.2 20.2 30.4

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11/9/2015 2:10:33 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082780.D

Acq: 7 Nov 2015 00:20

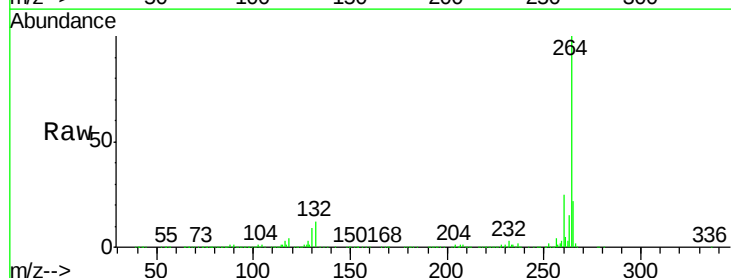
Tgt Ion:264 Resp: 714891

Ion Ratio Lower Upper

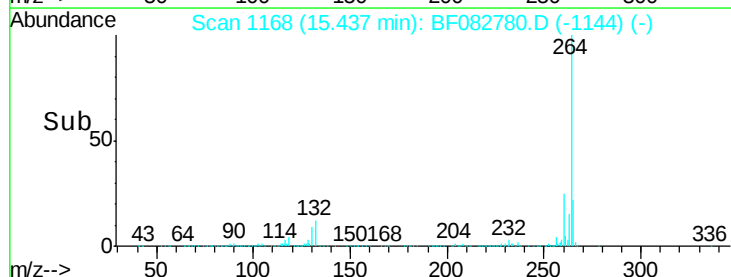
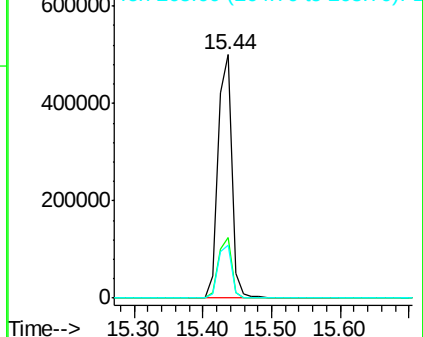
264 100

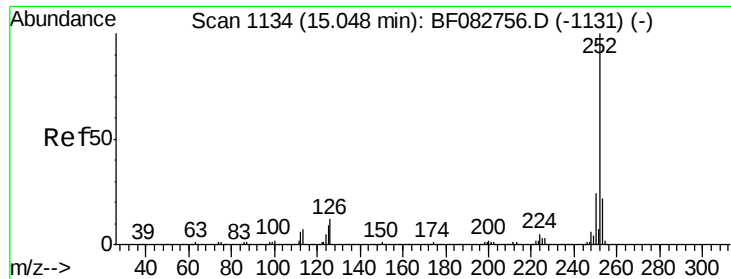
260 24.8 19.8 29.6

265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





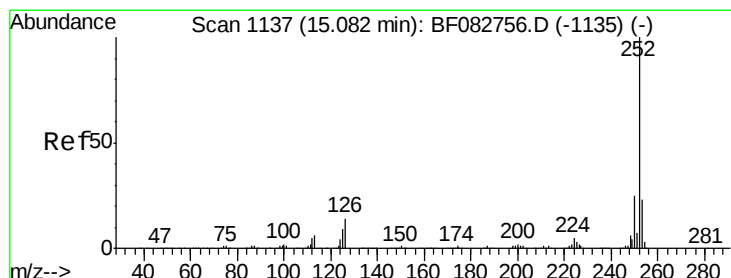
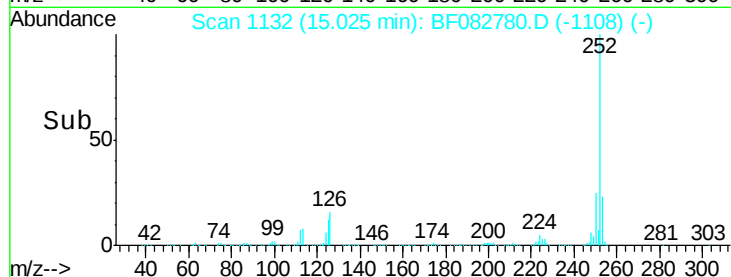
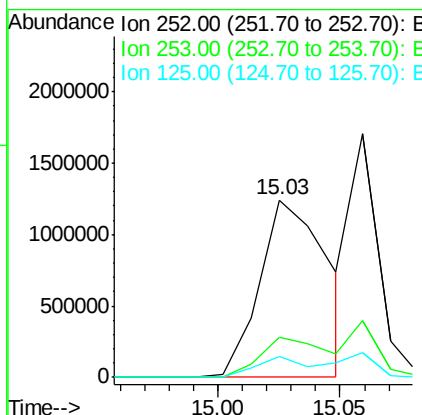
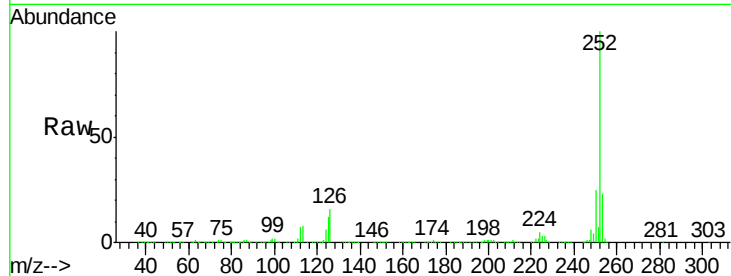
#87
Benzo(b)fluoranthene
Concen: 52.11 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.02 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.5	5.4	8.2

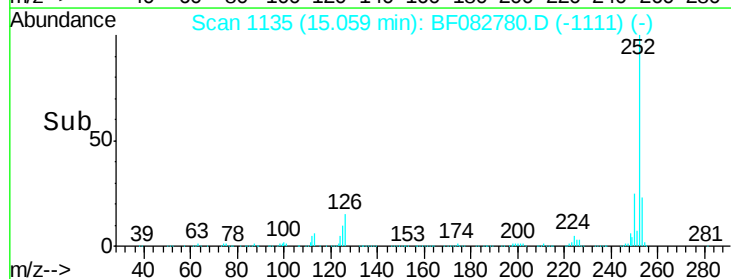
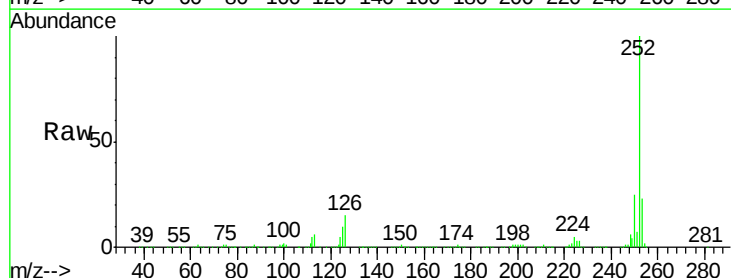
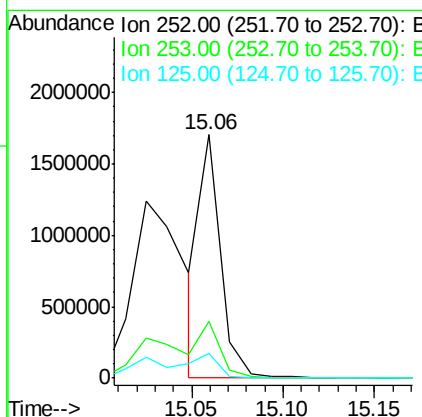
Manual Integrations
APPROVED

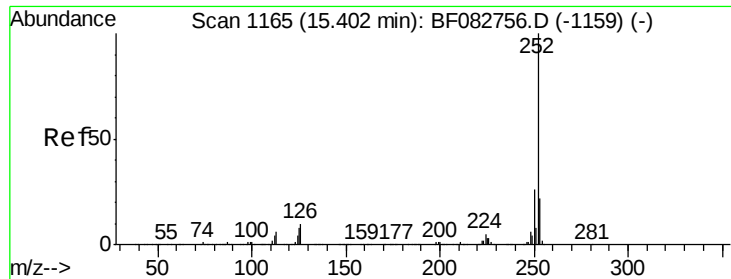
Mmdadoda
11/9/2015 2:10:33 PM



#88
Benzo(k)fluoranthene
Concen: 34.14 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.0	3.5	5.3





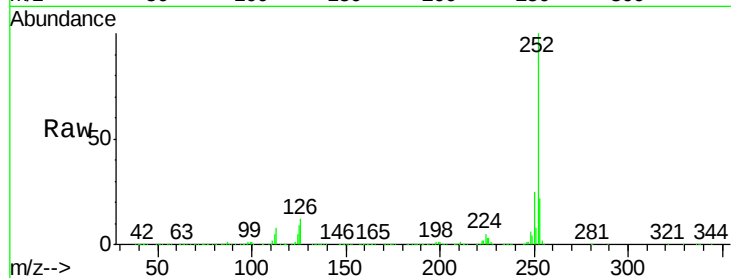
#89
Benzo(a)pyrene
Concen: 45.90 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MS

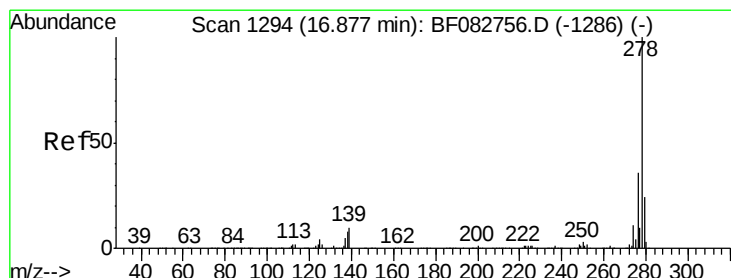
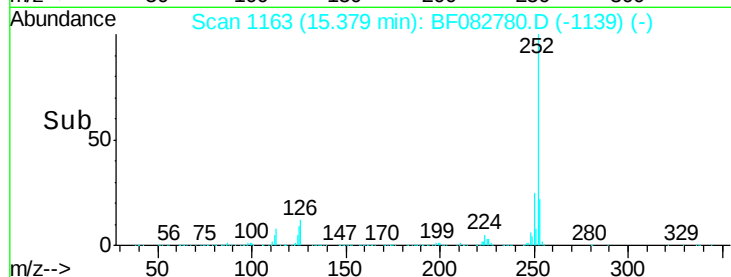
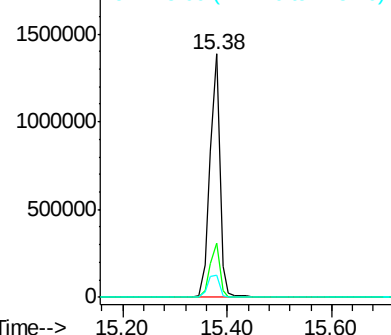
Tot Ion:252 Resp: 1824965
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.3 7.1 10.7

Manual Integrations
APPROVED

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11/9/2015 2:10:33 PM

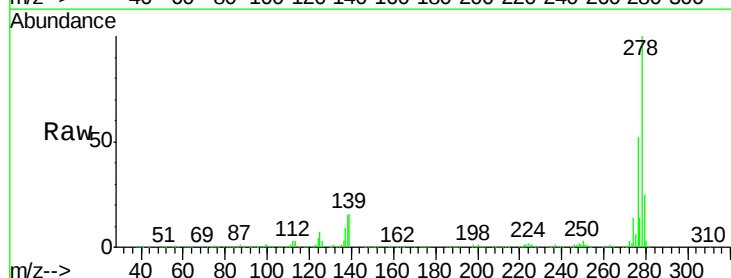


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

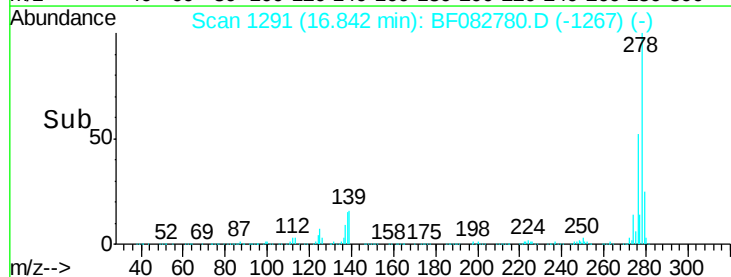
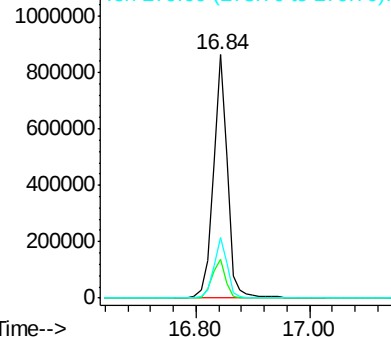


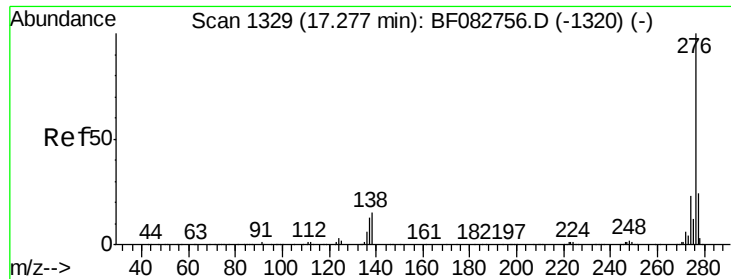
#90
Dibenzo(a,h)anthracene
Concen: 44.48 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF082780.D
Acq: 7 Nov 2015 00:20

Tgt Ion:278 Resp: 1497306
Ion Ratio Lower Upper
278 100
139 16.2 9.9 14.9#
279 25.1 19.6 29.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 47.06 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF082780.D
 Acq: 7 Nov 2015 00:20

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-1(0-2)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	22.0	13.1	19.7

Manual Integrations
 APPROVED

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 11/9/2015 2:10:33 PM

