

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081069.D
 Acq On : 19 Aug 2015 6:24
 Operator : UM/IZ
 Sample : G3289-11MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:18:32 PM

Quant Time: Aug 19 07:34:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	59510	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	234411	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	107087	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	239603	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	191393	20.00	ng	-0.02
86) Perylene-d12	15.07	264	172162	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	289762	73.24	ng	-0.01
7) Phenol-d6	6.25	99	399113	77.31	ng	-0.01
23) Nitrobenzene-d5	7.18	82	272421	53.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	73738	79.44	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	390299	47.76	ng	-0.02
78) Terphenyl-d14	12.69	244	416821	46.69	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	39754	21.32	ng	96
3) Pyridine	2.71	79	64636	12.28	ng	83
4) n-Nitrosodimethylamine	2.63	42	65401	22.32	ng	# 82
6) Aniline	6.26	93	134604	17.93	ng	# 14
8) 2-Chlorophenol	6.39	128	123141	28.43	ng	90
9) Benzaldehyde	6.15	77	72091	21.66	ng	89
10) Phenol	6.26	94	151702	24.88	ng	95
11) bis(2-Chloroethyl)ether	6.35	93	131054	28.01	ng	96
12) 1,3-Dichlorobenzene	6.55	146	111048	23.86	ng	95
13) 1,4-Dichlorobenzene	6.63	146	110444	23.97	ng	97
14) 1,2-Dichlorobenzene	6.78	146	113865	26.40	ng	92
15) Benzyl Alcohol	6.75	79	105082	25.16	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	251739	27.38	ng	100
17) 2-Methylphenol	6.88	107	103592	27.88	ng	94
18) Hexachloroethane	7.12	117	45639	24.51	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	94761	26.50	ng	97
20) 3+4-Methylphenols	7.04	107	129481	27.45	ng	# 42
22) Acetophenone	7.03	105	178291	28.97	ng	# 89
24) Nitrobenzene	7.19	77	132124	24.63	ng	93
25) Isophorone	7.44	82	258654	27.03	ng	97
26) 2-Nitrophenol	7.51	139	55296	24.78	ng	# 90
27) 2,4-Dimethylphenol	7.56	122	115708	29.31	ng	91
28) bis(2-Chloroethoxy)methane	7.66	93	150620	26.64	ng	99
29) 2,4-Dichlorophenol	7.76	162	95990	28.88	ng	95
30) 1,2,4-Trichlorobenzene	7.84	180	98090	26.56	ng	99
31) Naphthalene	7.92	128	324966	24.87	ng	100
32) Benzoic acid	7.64	122	18306	8.24	ng	# 87
33) 4-Chloroaniline	7.96	127	95780	17.37	ng	97
34) Hexachlorobutadiene	8.03	225	52030	24.91	ng	94
35) Caprolactam	8.33	113	31731m	27.32	ng	
36) 4-Chloro-3-methylphenol	8.46	107	114382	28.88	ng	97
37) 2-Methylnaphthalene	8.60	142	236784	28.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	84603	24.49	ng	99
40) Hexachlorocyclopentadiene	8.76	237	89465	50.03	ng	98

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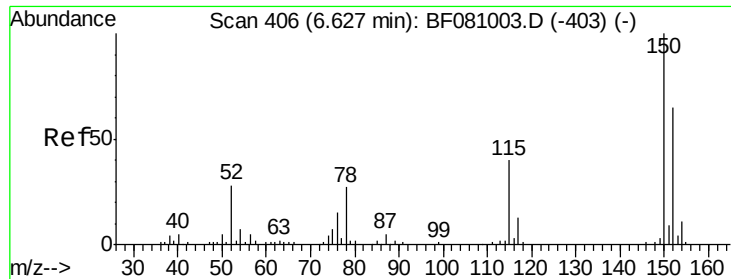
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	63790	26.13	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	73749	30.23	nq	97
45) 1,1'-Biphenyl	9.07	154	261153	27.69	nq	98
46) 2-Chloronaphthalene	9.08	162	190805	25.18	nq	# 91
47) 2-Nitroaniline	9.19	65	96966	31.27	nq	92
48) Acenaphthylene	9.50	152	334452	24.67	nq	99
49) Dimethylphthalate	9.38	163	355950	40.36	nq	98
50) 2,6-Dinitrotoluene	9.44	165	54353	28.71	nq	# 74
51) Acenaphthene	9.67	154	206197	25.41	nq	99
52) 3-Nitroaniline	9.60	138	61270	25.86	nq	83
53) 2,4-Dinitrophenol	9.70	184	35157	38.55	nq	# 78
54) Dibenzofuran	9.84	168	277966	25.56	nq	93
55) 4-Nitrophenol	9.77	139	103066	61.93	nq	# 75
56) 2,4-Dinitrotoluene	9.83	165	67358	26.84	nq	# 68
57) Fluorene	10.18	166	242618	29.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	59030	31.26	nq	96
59) Diethylphthalate	10.08	149	275537	29.52	nq	# 93
60) 4-Chlorophenyl-phenylether	10.18	204	113321	32.01	nq	92
61) 4-Nitroaniline	10.20	138	63194	26.09	nq	92
62) Azobenzene	10.34	77	323914	30.11	nq	90
64) 4,6-Dinitro-2-methylphenol	10.24	198	40295	28.16	nq	# 50
65) n-Nitrosodiphenylamine	10.30	169	205161	23.99	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	59018	25.07	nq	# 64
67) Hexachlorobenzene	10.72	284	60059	25.19	nq	# 65
68) Atrazine	10.83	200	75536	31.70	nq	99
69) Pentachlorophenol	10.92	266	70769	49.48	nq	97
70) Phenanthrene	11.13	178	342545	24.12	nq	99
71) Anthracene	11.19	178	360945	26.12	nq	97
72) Carbazole	11.34	167	346848	26.07	nq	98
73) Di-n-butylphthalate	11.69	149	502721	31.23	nq	99
74) Fluoranthene	12.31	202	386511	25.22	nq	94
76) Benzidine	12.45	184	180200	24.92	nq	98
77) Pyrene	12.54	202	430000	27.64	nq	99
79) Butylbenzylphthalate	13.18	149	214011	32.00	nq	99
80) Benzo(a)anthracene	13.71	228	348646	27.16	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	110778	26.64	nq	# 96
82) Chrysene	13.75	228	305472	26.41	nq	100
83) Bis(2-ethylhexyl)phthalate	13.74	149	321207	37.50	nq	# 98
84) Di-n-octyl phthalate	14.34	149	544082	41.79	nq	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	253022	31.15	nq	# 94
87) Benzo(b)fluoranthene	14.71	252	289637m	23.78	nq	
88) Benzo(k)fluoranthene	14.73	252	277570m	24.46	nq	
89) Benzo(a)pyrene	15.02	252	268891	25.34	nq	# 96
90) Dibenzo(a,h)anthracene	16.30	278	214140	25.90	nq	# 94
91) Benzo(g,h,i)perylene	16.65	276	203766	24.29	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081069.D

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Instrument :

BNA_F

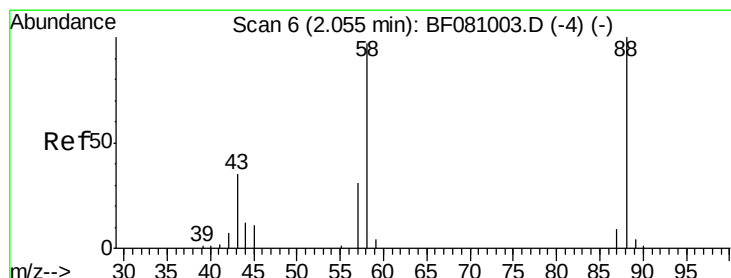
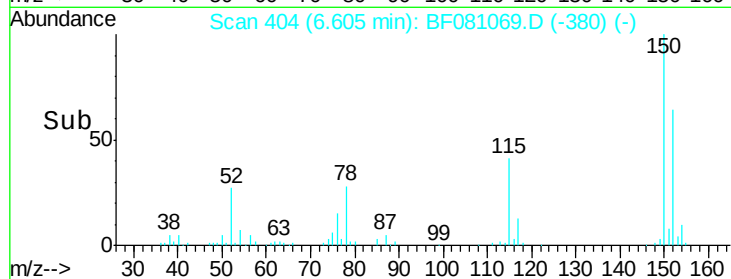
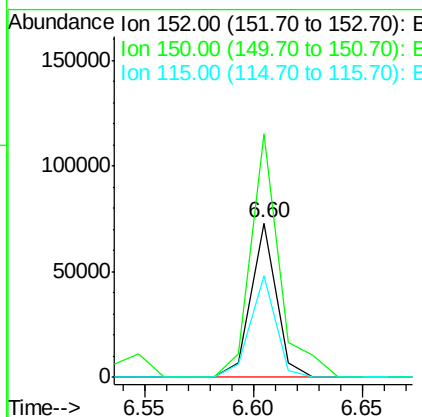
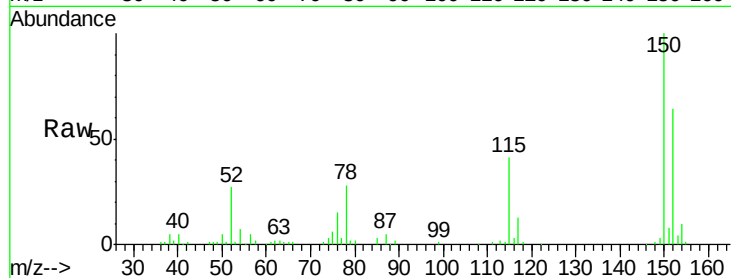
ClientSampleId :

COFF-3(0-2)-1MS

Manual Integrations
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Tot Ion:	152	Resp:	59510
Ion Ratio	Lower	Upper	
152	100		
150	157.5	123.8	185.6
115	65.3	52.1	78.1



#2

1,4-Dioxane

Concen: 21.32 ng

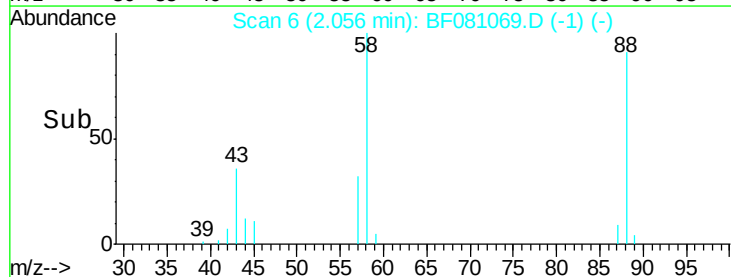
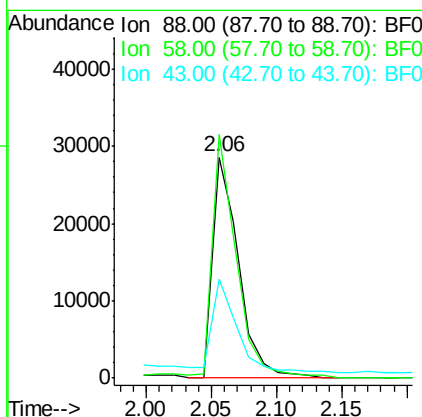
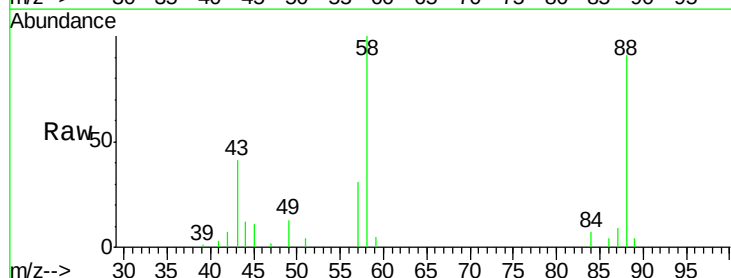
RT: 2.06 min Scan# 6

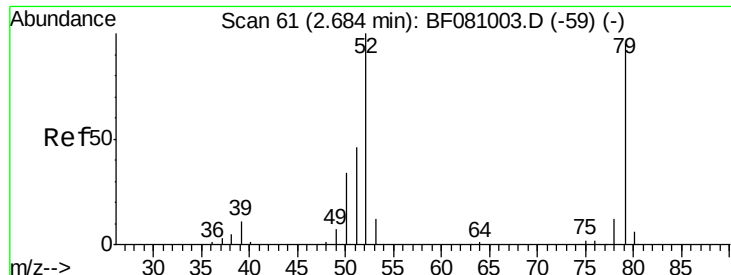
Delta R.T. 0.00 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	88	Resp:	39754
Ion Ratio	Lower	Upper	
88	100		
58	102.1	83.7	125.5
43	41.6	37.5	56.3





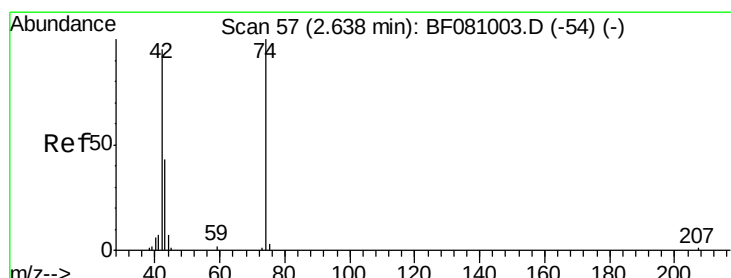
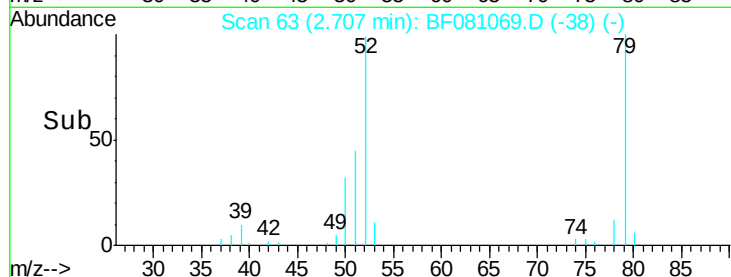
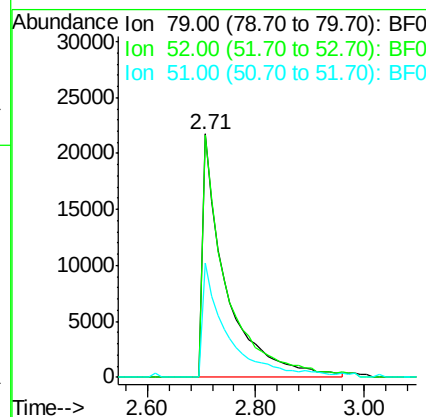
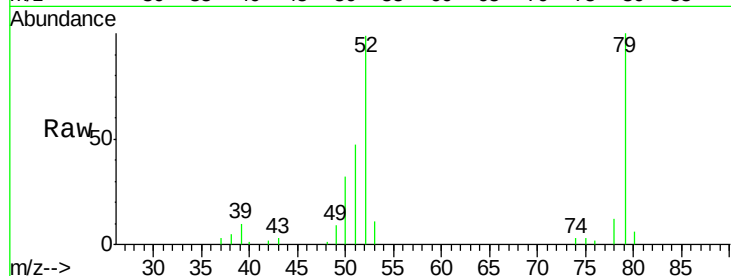
#3
 Pvridine
 Concen: 12.28 ng
 RT: 2.71 min Scan# 63
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	99.5	95.1	142.7	
51	51	46.9	46.6	70.0	

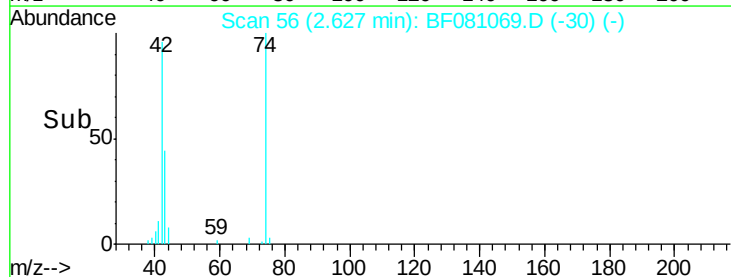
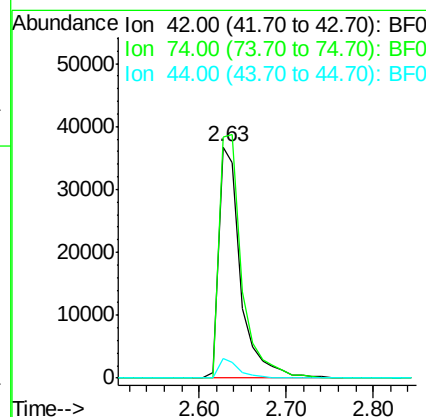
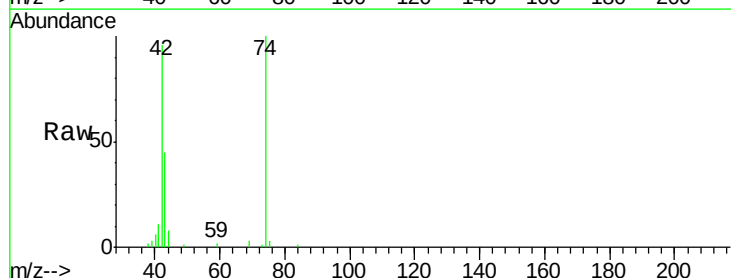
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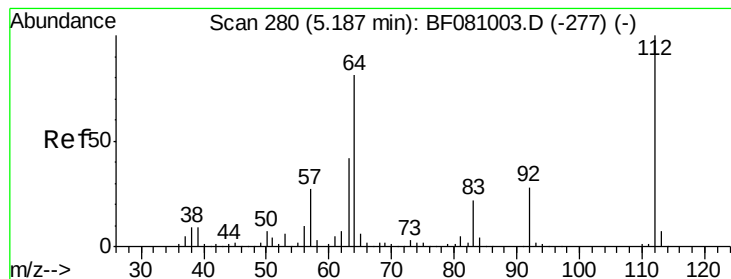
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#4
 n-Nitrosodimethylamine
 Concen: 22.32 ng
 RT: 2.63 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	104.3	69.3	103.9#	
44	44	8.5	5.5	8.3#	





#5

2-Fluorophenol

Concen: 73.24 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.01 min

Lab File: BF081069.D

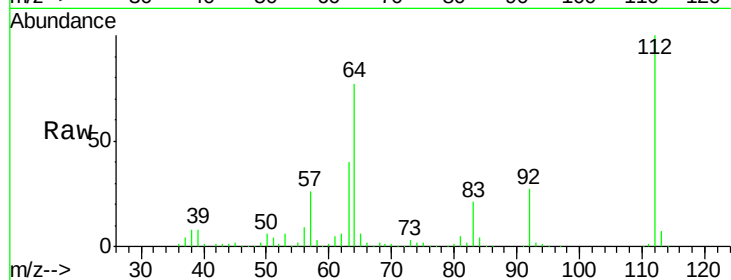
Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

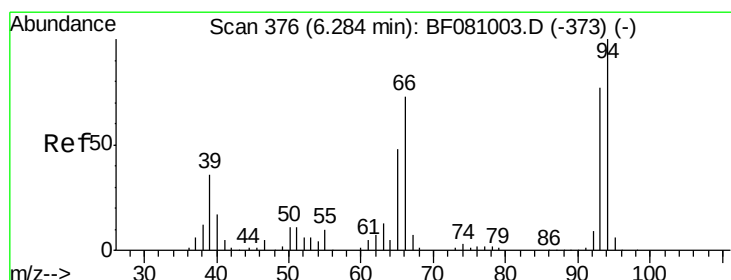
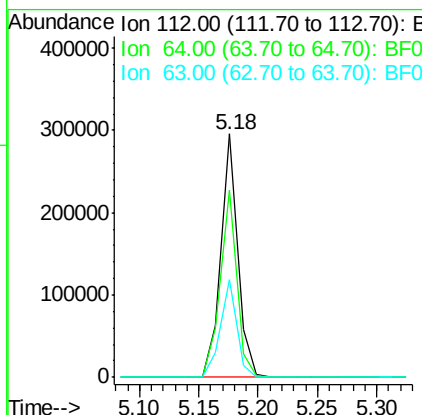
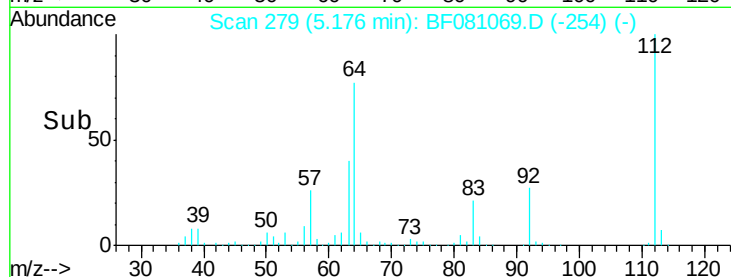
COFF-3(0-2)-1MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		289762		
64	77.1	66.9	100.3		
63	40.3	38.1	57.1		

Manual Integrations
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#6

Aniline

Concen: 17.93 ng

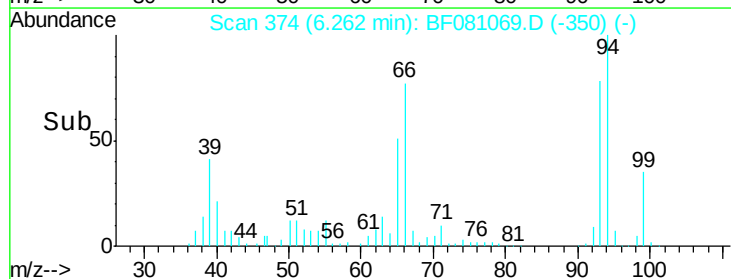
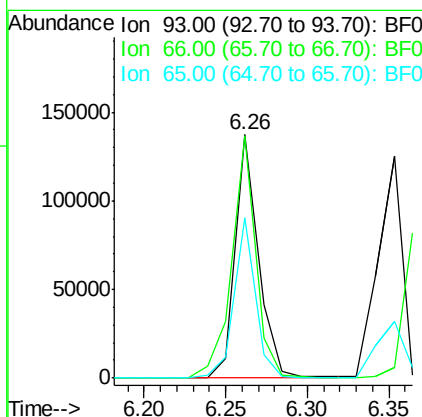
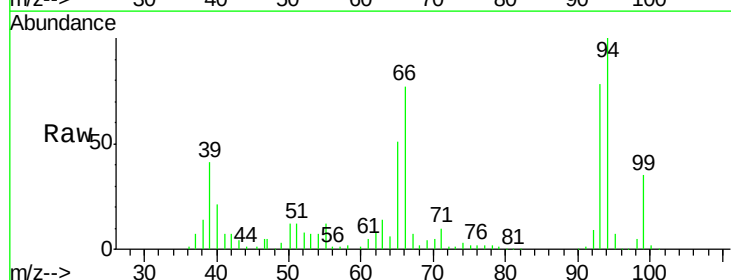
RT: 6.26 min Scan# 374

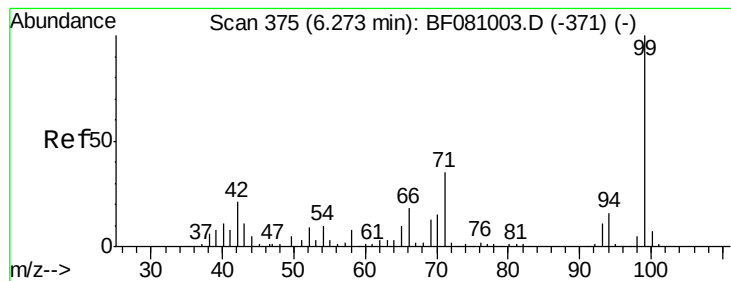
Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		134604		
66	99.7	35.6	53.4#		
65	66.1	18.7	28.1#		





#7

Phenol-d6

Concen: 77.31 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

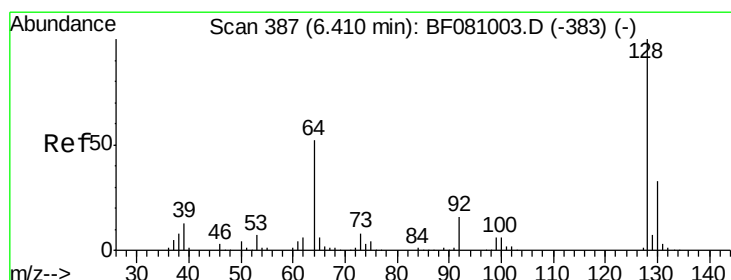
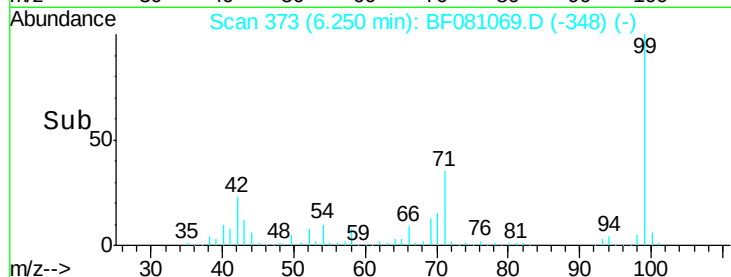
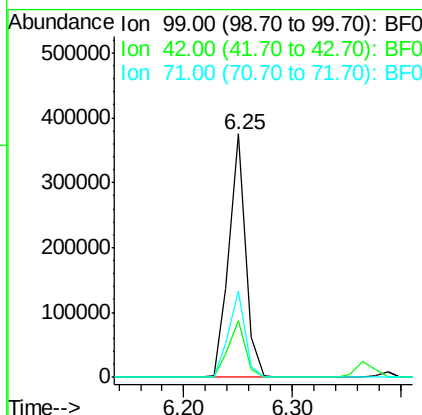
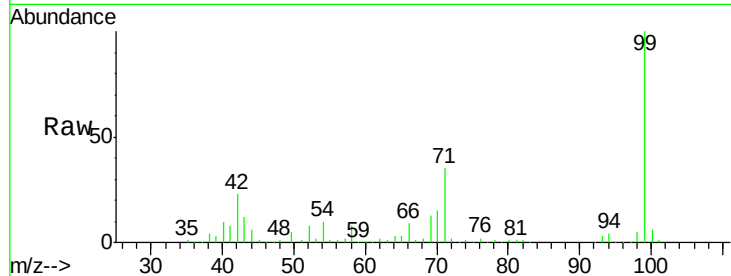
ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion:	99	Resp:	399113
Ion Ratio	Lower	Upper	
99	100		
42	23.3	19.6	29.4
71	35.4	31.2	46.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 28.43 ng

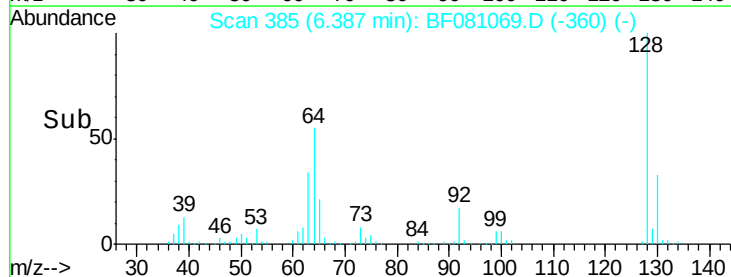
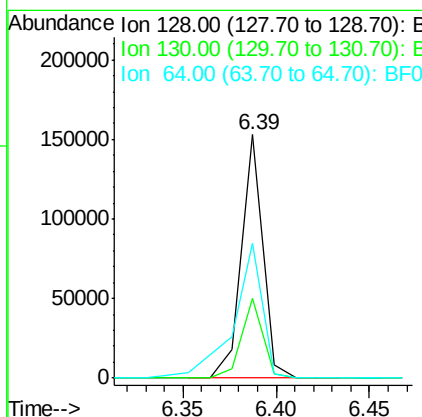
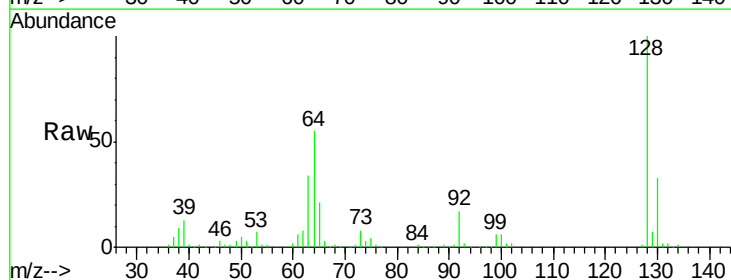
RT: 6.39 min Scan# 385

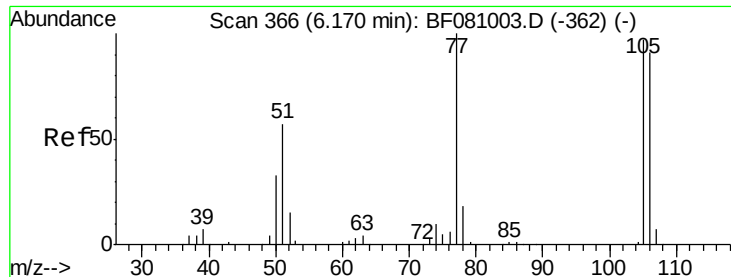
Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	128	Resp:	123141
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.5	52.5
64	55.1	46.8	86.8





#9

Benzaldehyde

Concen: 21.66 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

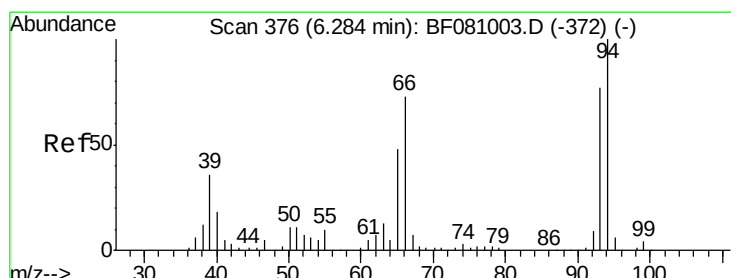
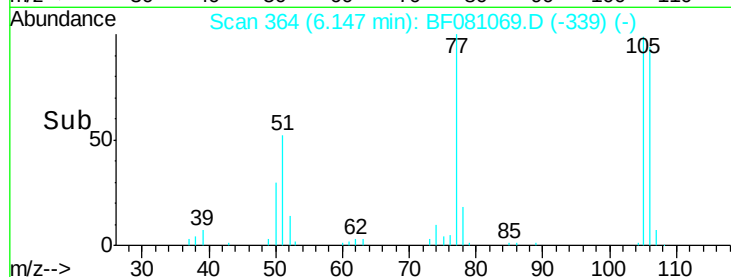
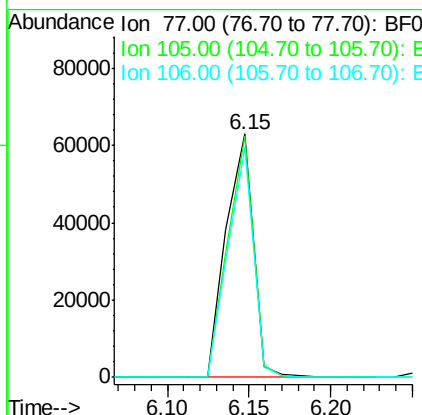
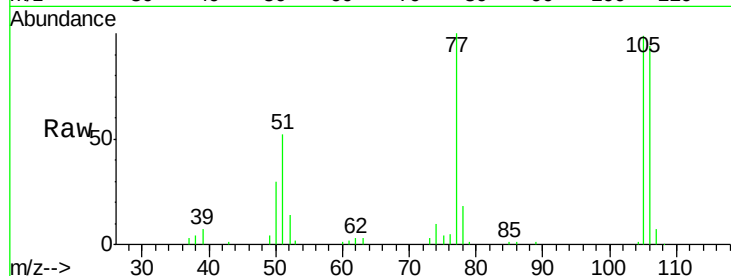
ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion:	77	Resp:	72091
Ion Ratio	Lower	Upper	
77	100		
105	99.1	69.6	109.6
106	94.2	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 24.88 ng

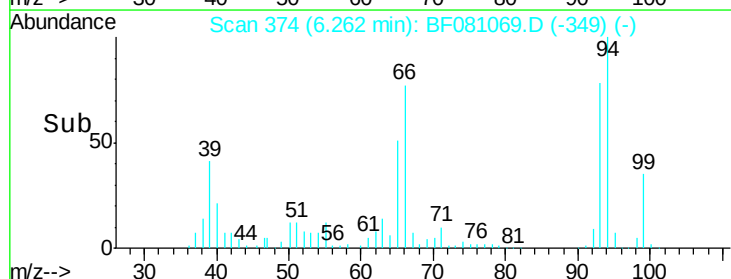
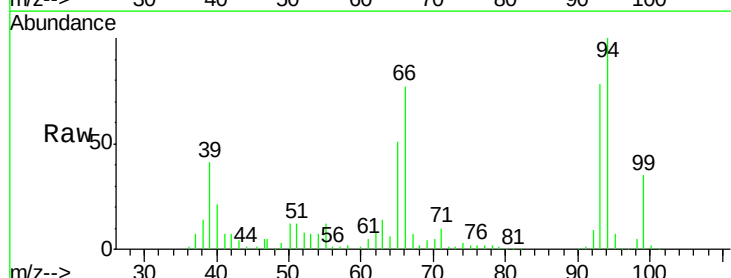
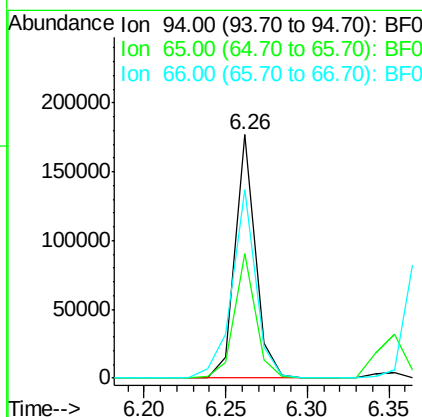
RT: 6.26 min Scan# 374

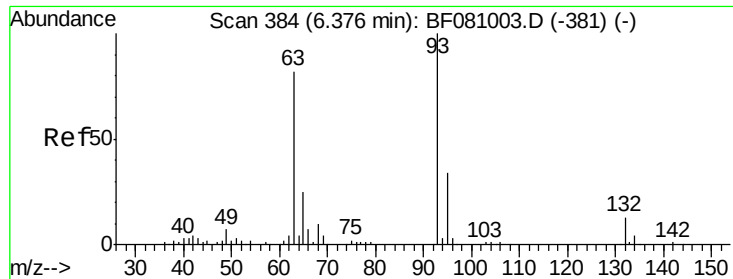
Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	94	Resp:	151702
Ion Ratio	Lower	Upper	
94	100		
65	51.3	28.4	68.4
66	77.4	52.3	92.3





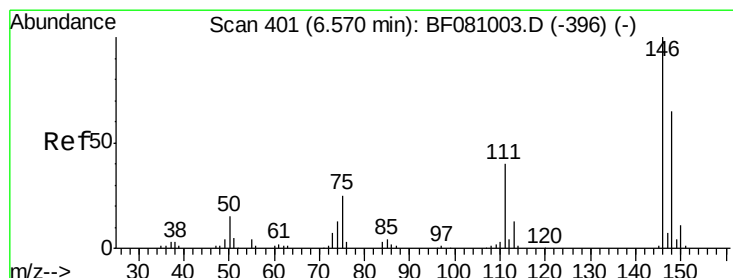
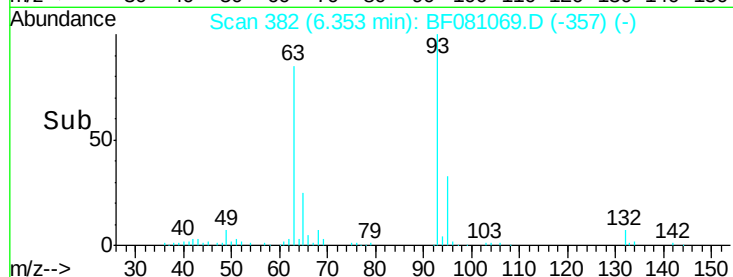
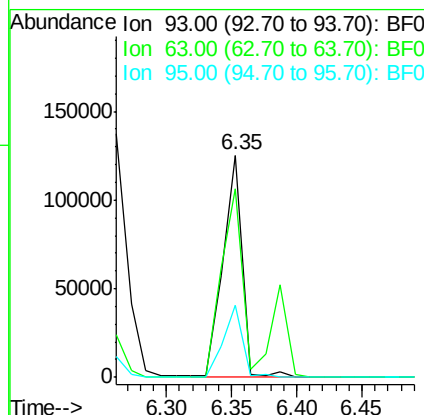
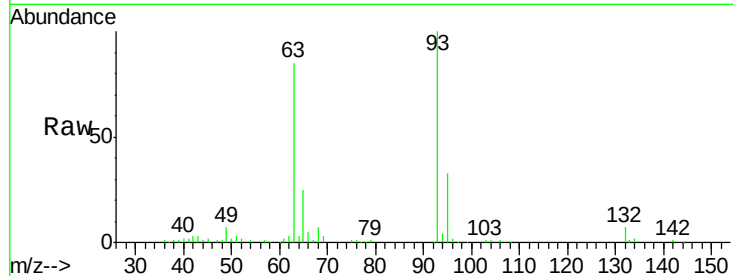
#11
bis(2-Chloroethyl)ether
Concen: 28.01 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion:	93	Resp:	131054
Ion Ratio	Lower	Upper	
93	100		
63	84.9	69.6	109.6
95	32.6	12.3	52.3

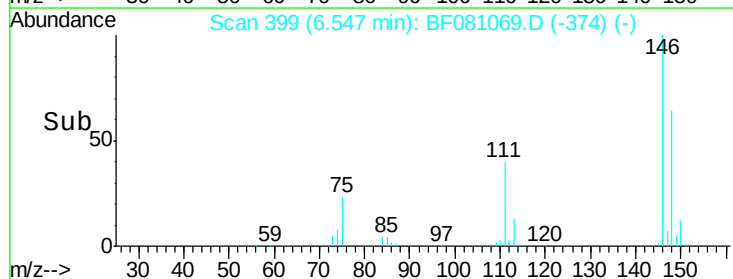
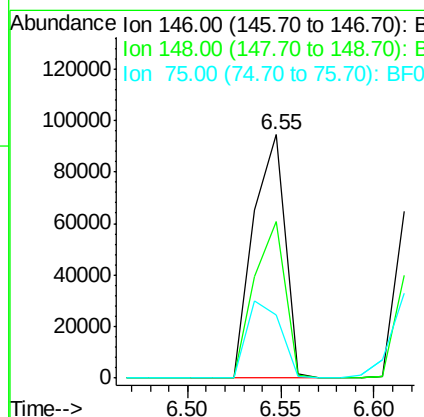
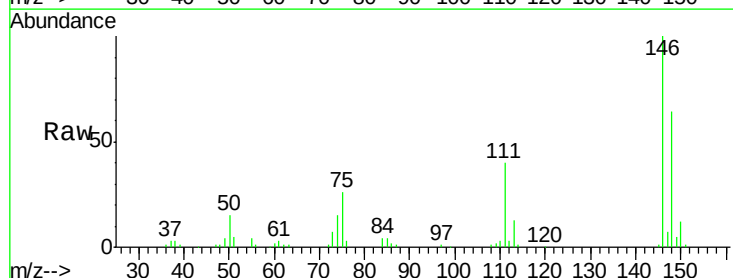
Manual Integrations
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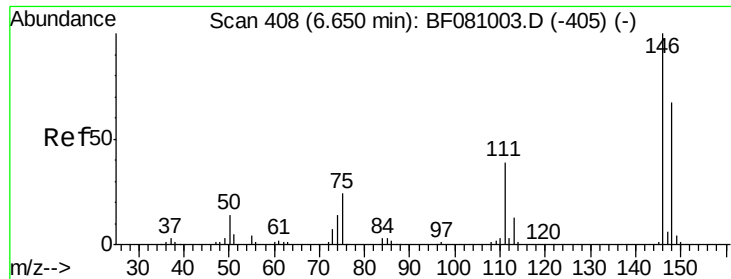
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 23.86 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion:	146	Resp:	111048
Ion Ratio	Lower	Upper	
146	100		
148	64.3	53.3	79.9
75	26.1	25.0	37.6





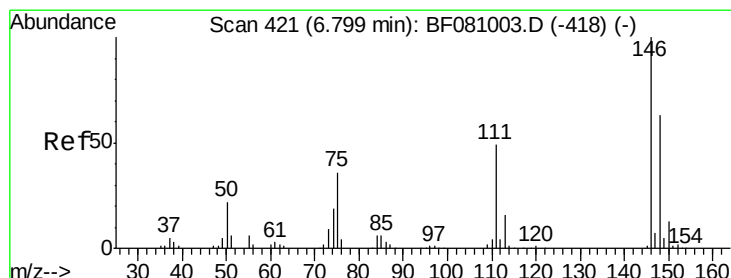
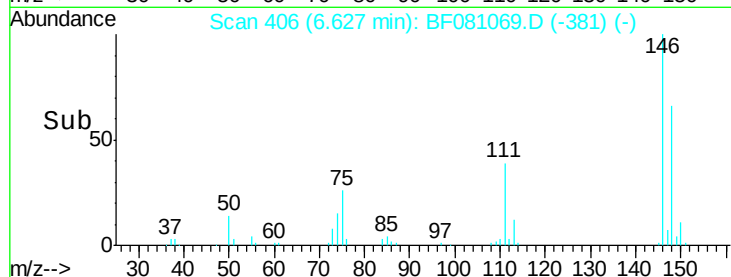
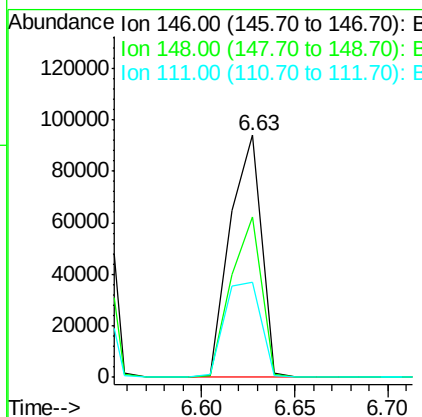
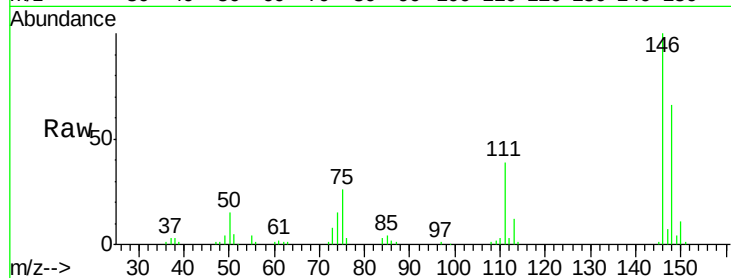
#13
 1,4-Dichlorobenzene
 Concen: 23.97 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.3	78.5
111	39.3	34.4	51.6

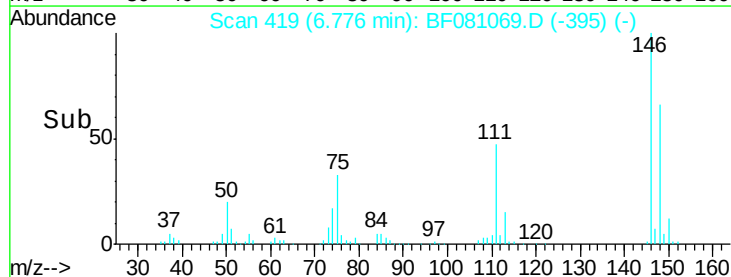
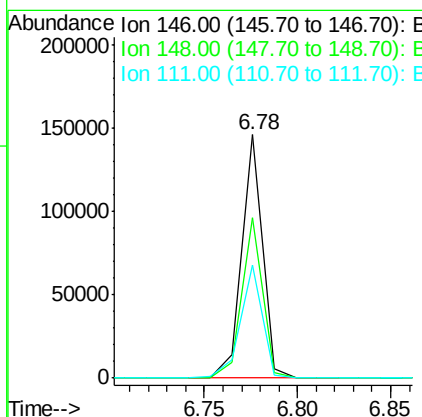
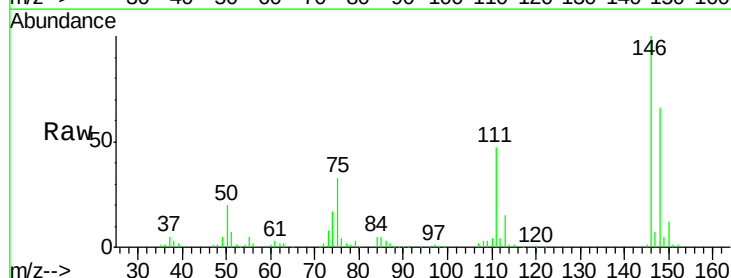
Manual Integrations
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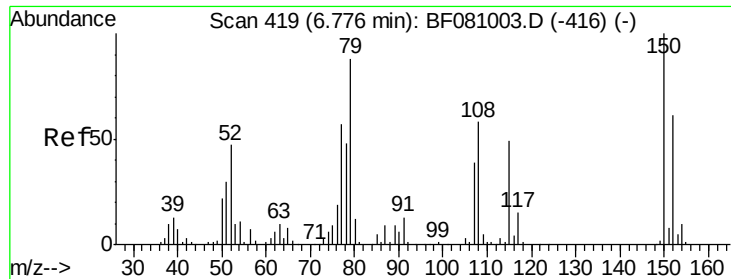
MMDadoda
 8/19/2015 2:18:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 26.40 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	48.7	73.1
111	46.5	42.3	63.5





#15

Benzyl Alcohol

Concen: 25.16 ng

RT: 6.75 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

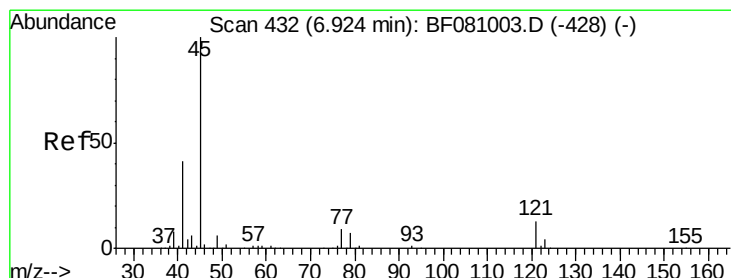
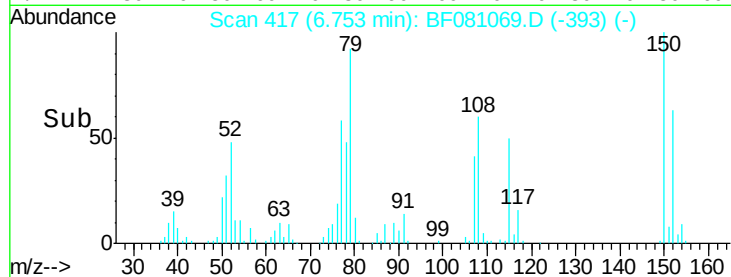
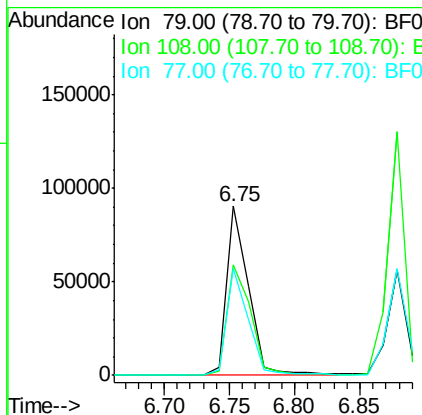
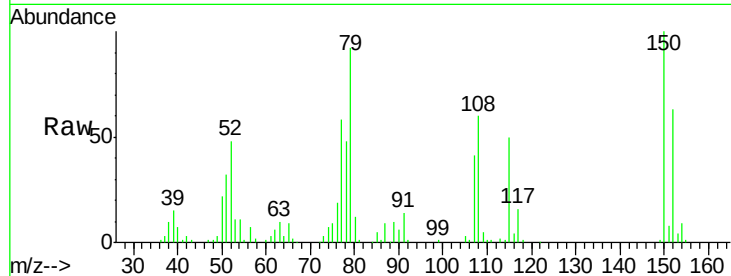
ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion:	79	Resp:	105082
Ion Ratio	Lower	Upper	
79	100		
108	65.2	49.4	74.2
77	63.4	51.4	77.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.38 ng

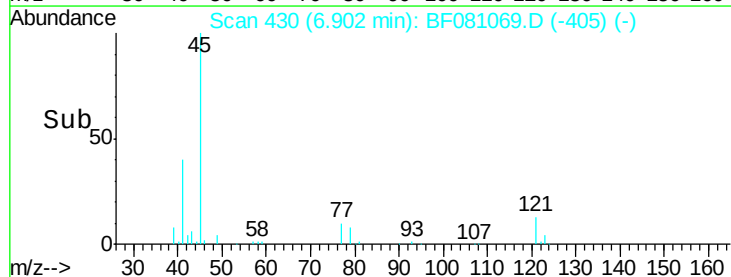
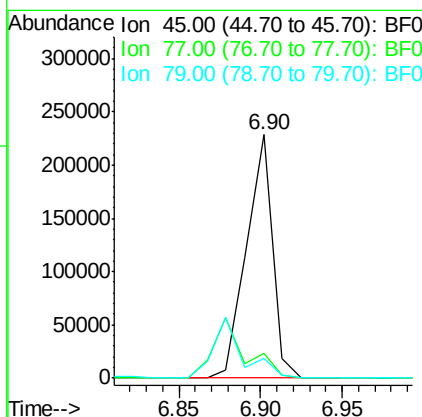
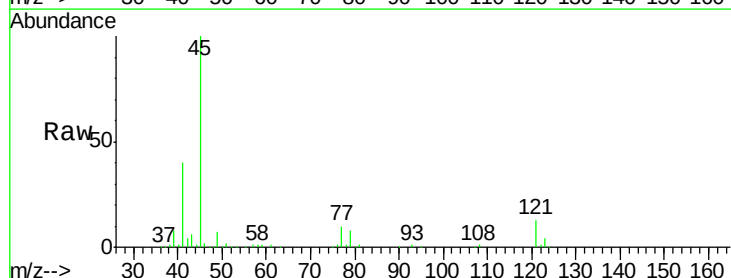
RT: 6.90 min Scan# 430

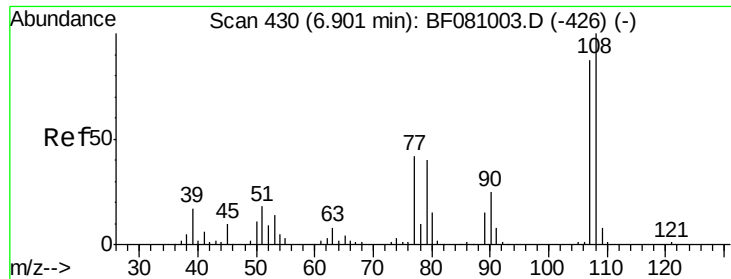
Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	45	Resp:	251739
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	30.2
79	8.1	0.0	28.0





#17

2-Methylphenol

Concen: 27.88 ng

RT: 6.88 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

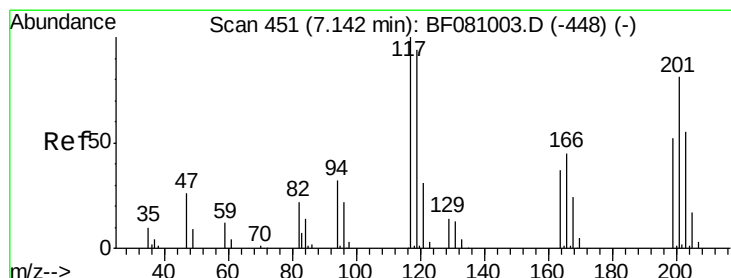
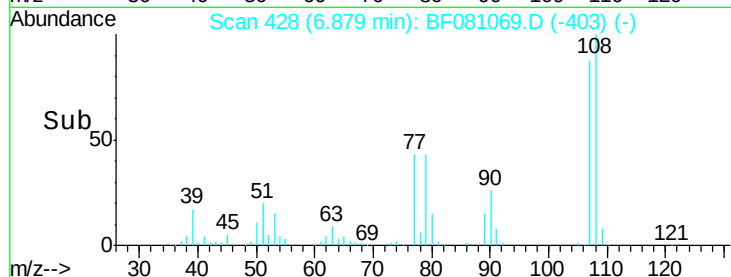
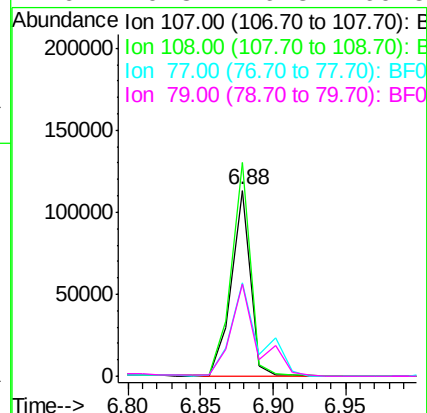
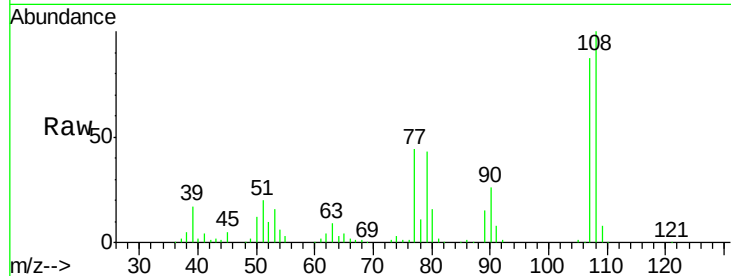
ClientSampleId :

COFF-3(0-2)-1MS

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Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	90.4	135.6	
77	50.2	46.5	69.7	
79	49.8	46.3	69.5	



#18

Hexachloroethane

Concen: 24.51 ng

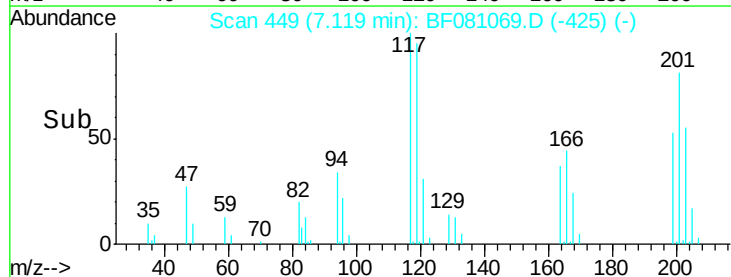
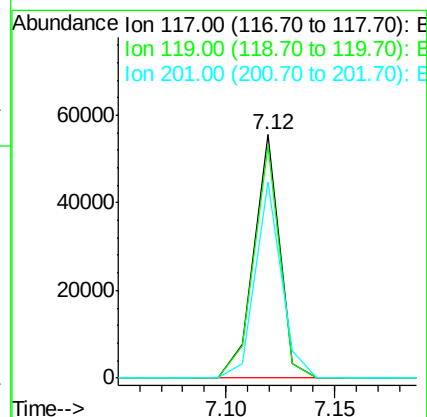
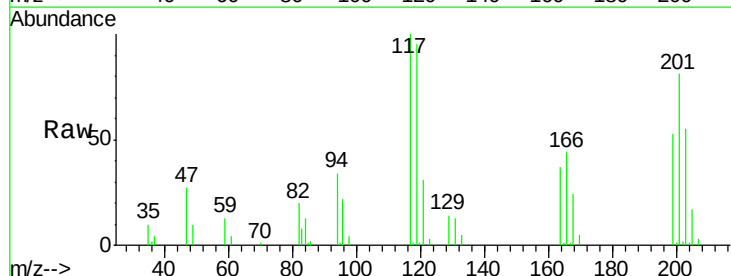
RT: 7.12 min Scan# 449

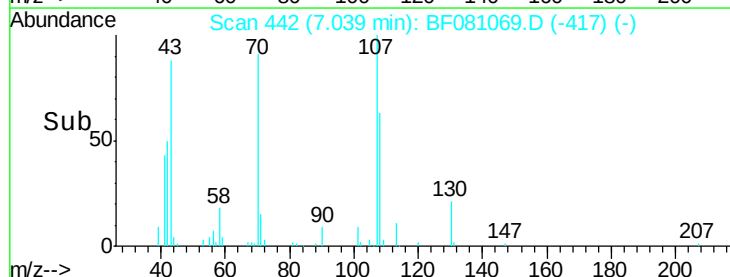
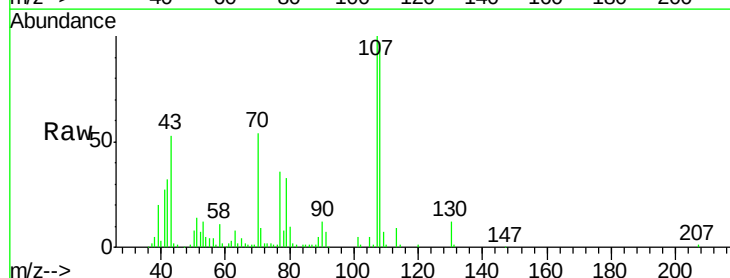
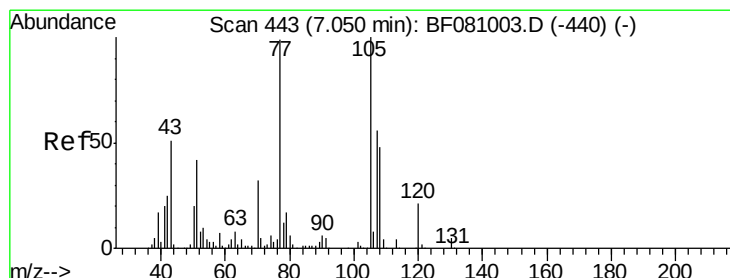
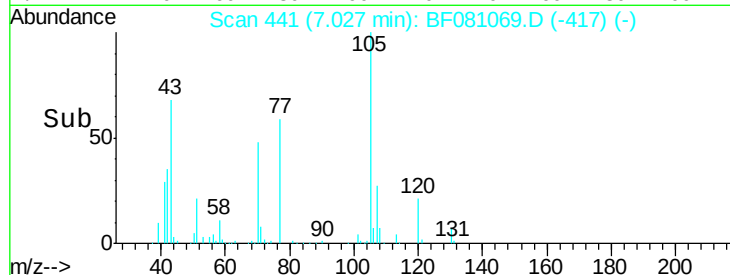
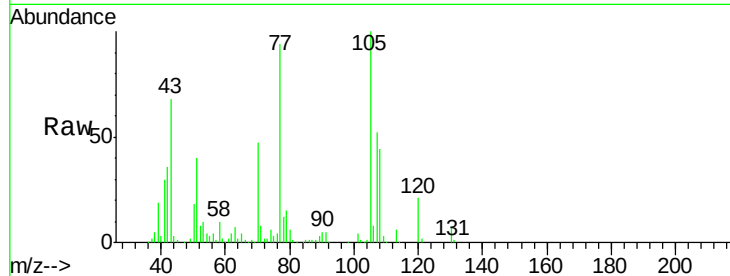
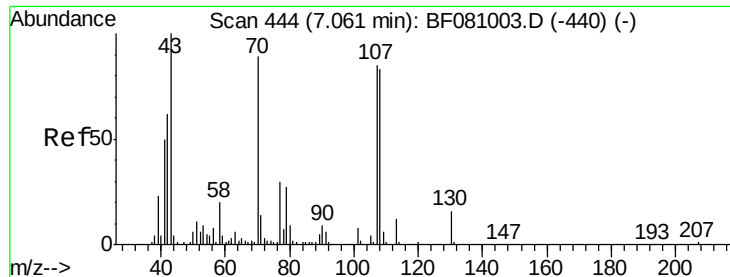
Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.9	116.9	
201	80.6	61.3	91.9	





#19

n-Nitroso-di-n-propylamine

Concen: 26.50 ng

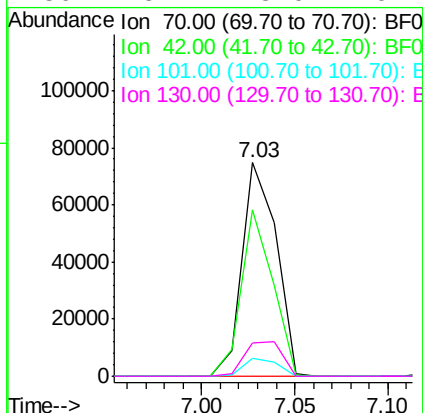
RT: 7.03 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	78.0	65.0	97.4		
101	8.2	7.4	11.2		
130	15.4	13.0	19.4		



Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-1MS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 27.45 ng

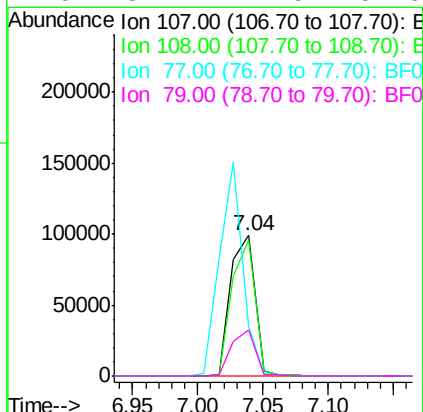
RT: 7.04 min Scan# 442

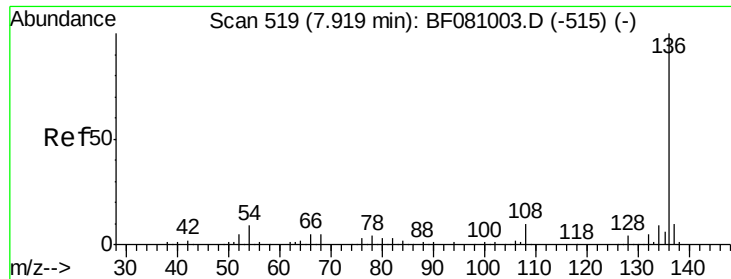
Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	96.8	66.1	106.1		
77	35.7	139.3	179.3		
79	32.7	11.9	51.9		





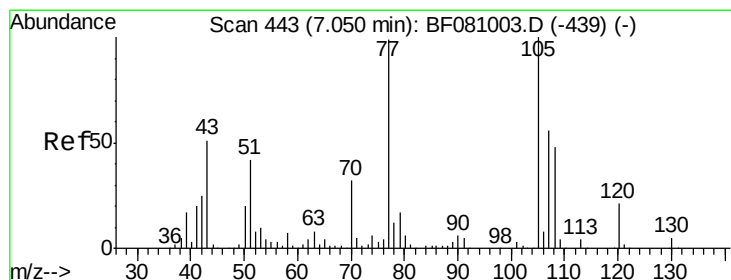
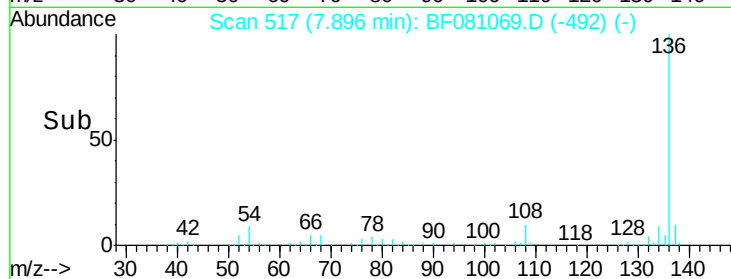
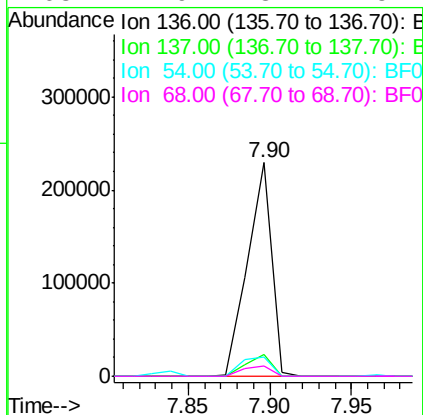
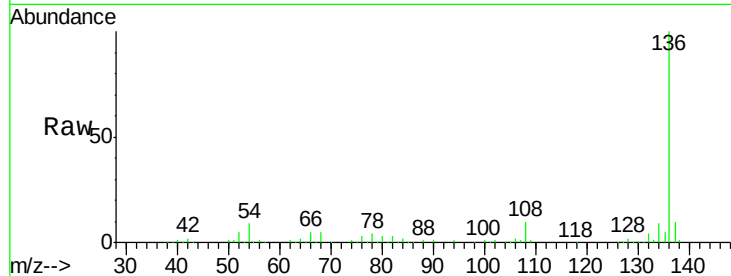
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	234411		
137	10.0	8.2	12.2	
54	9.0	7.7	11.5	
68	4.9	3.4	5.2	

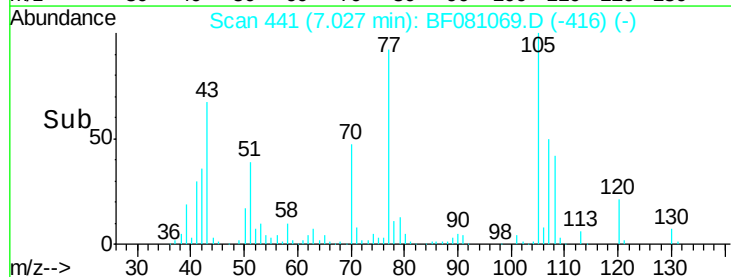
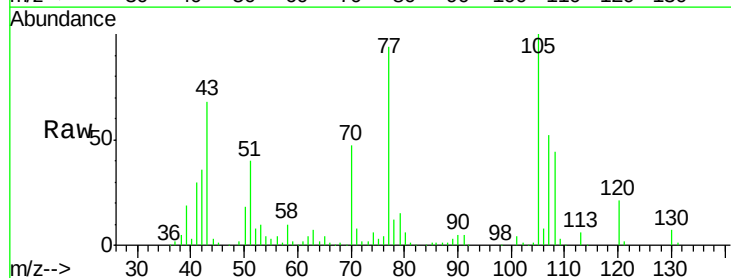
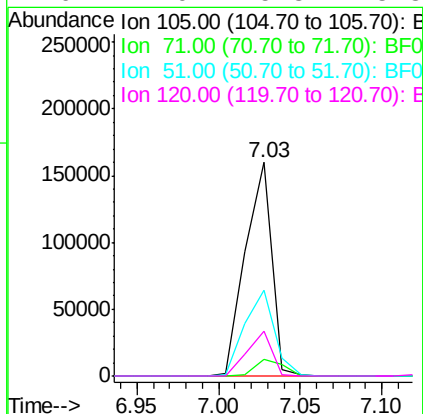
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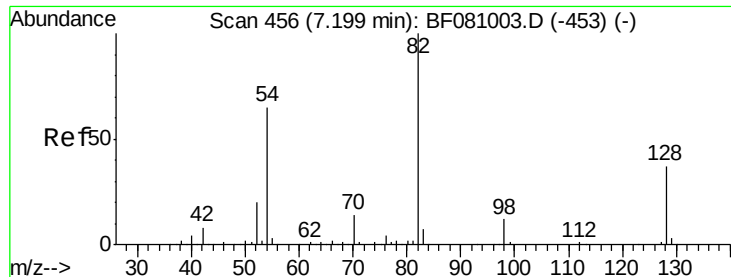
MMDadoda
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#22
Acetophenone
Concen: 28.97 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	178291		
71	7.8	3.0	4.6#	
51	40.1	39.8	59.8	
120	21.0	15.8	23.8	





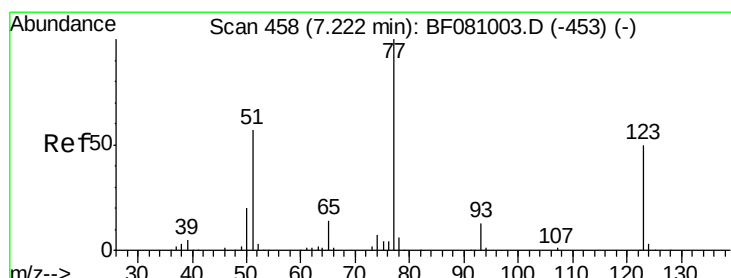
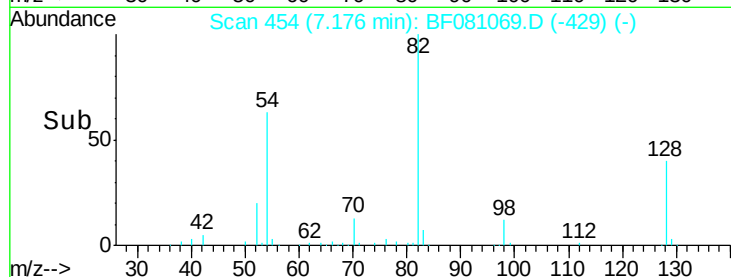
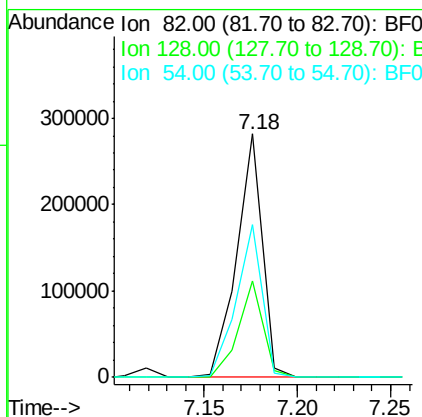
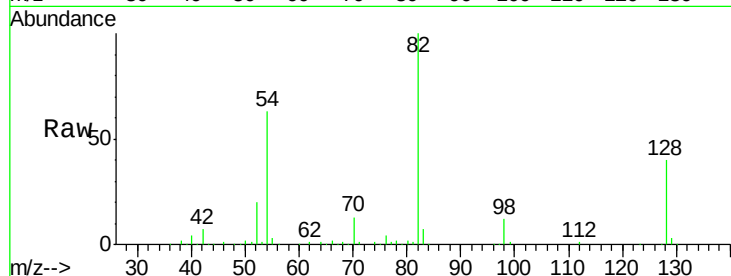
#23
Nitrobenzene-d5
Concen: 53.09 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	272421		
128	39.6	28.6	42.8	
54	62.7	55.1	82.7	

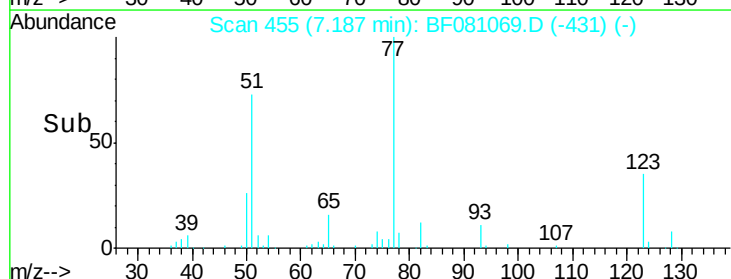
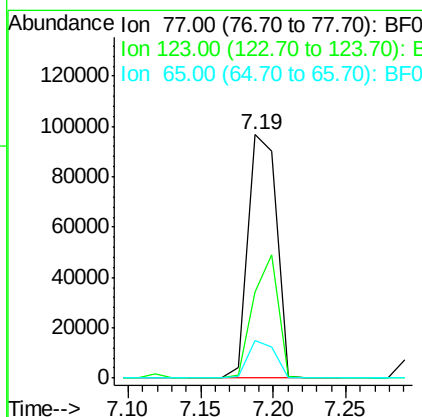
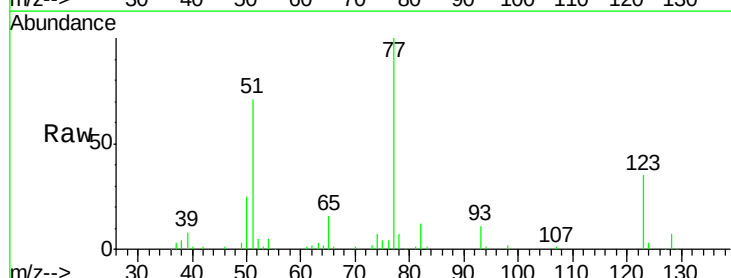
Manual Integrations
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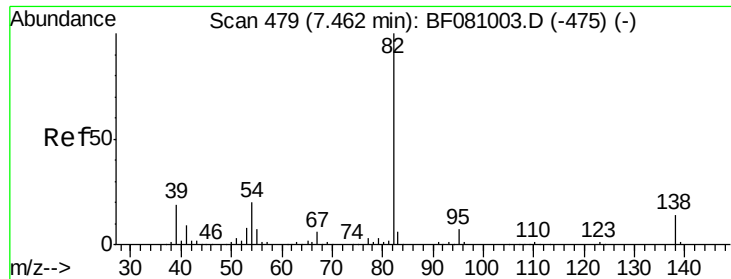
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#24
Nitrobenzene
Concen: 24.63 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	132124		
123	35.2	32.9	49.3	
65	15.6	12.5	18.7	





#25

Isophorone

Concen: 27.03 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

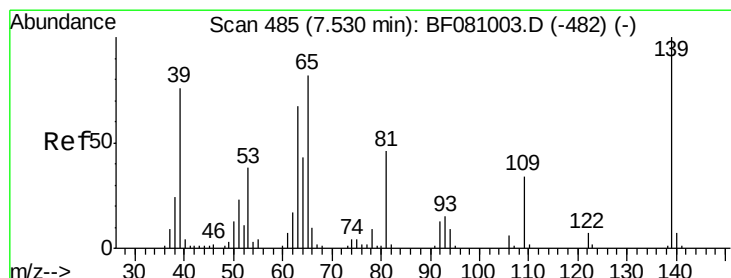
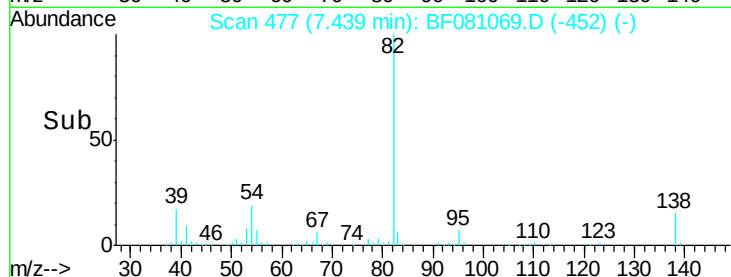
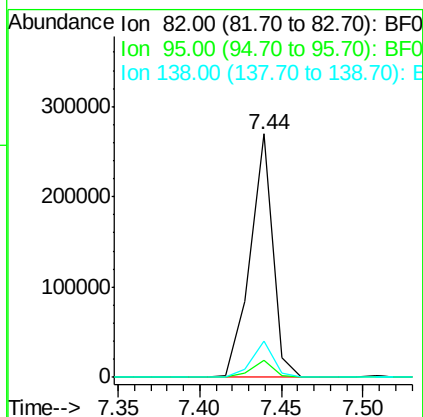
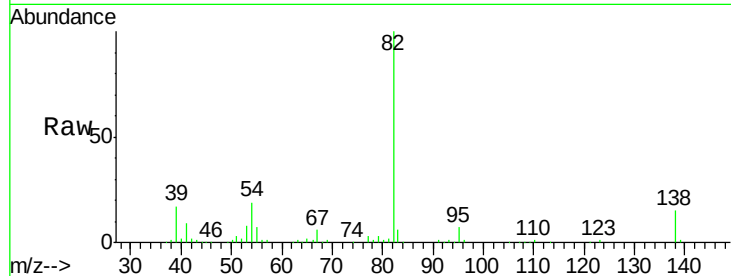
ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion:	82	Resp:	258654
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.2	9.2
138	14.7	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 24.78 ng

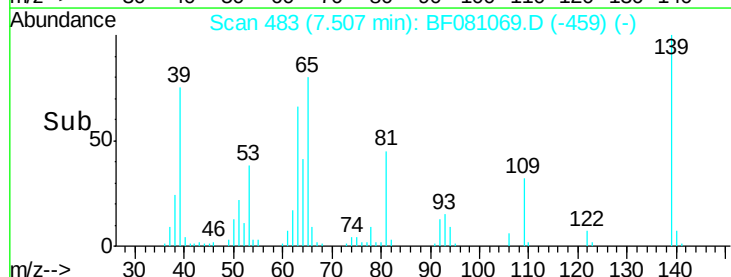
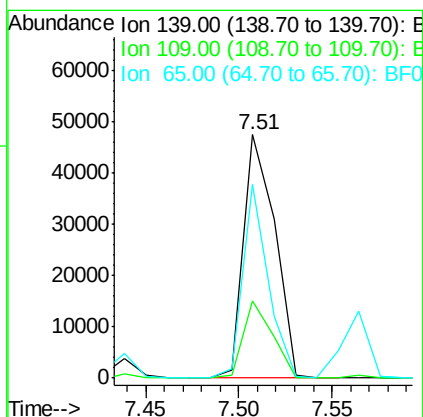
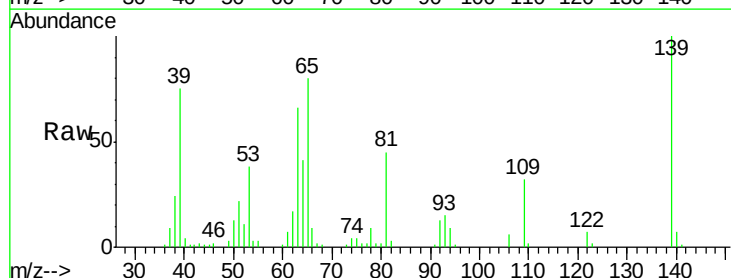
RT: 7.51 min Scan# 483

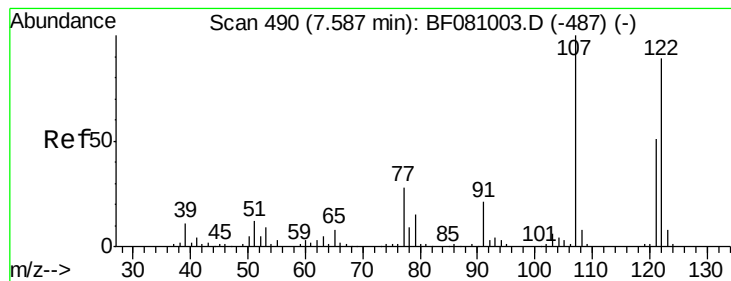
Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	139	Resp:	55296
Ion Ratio		Lower	Upper
139	100		
109	31.5	32.1	48.1#
65	79.7	69.9	104.9





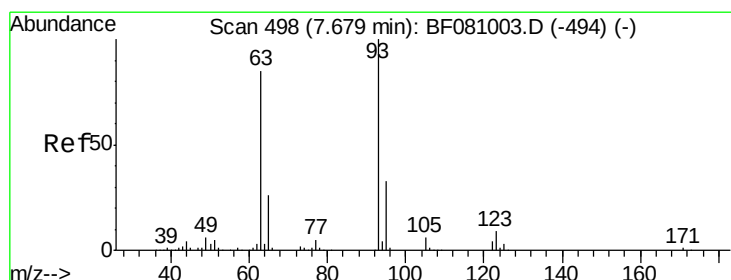
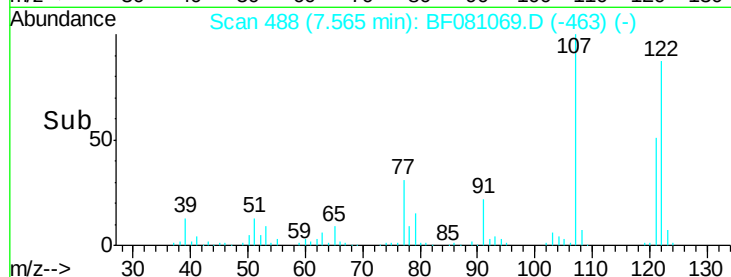
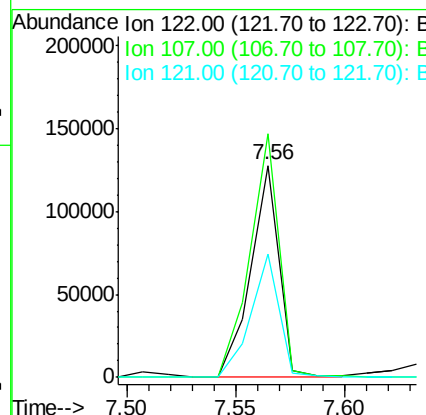
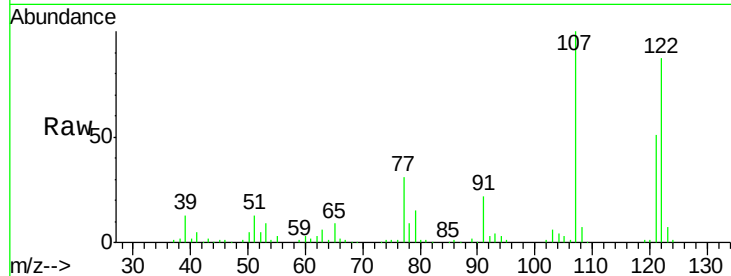
#27
 2,4-Dimethylphenol
 Concen: 29.31 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	115708		
107	115.1	103.8	155.6	
121	58.2	47.0	70.4	

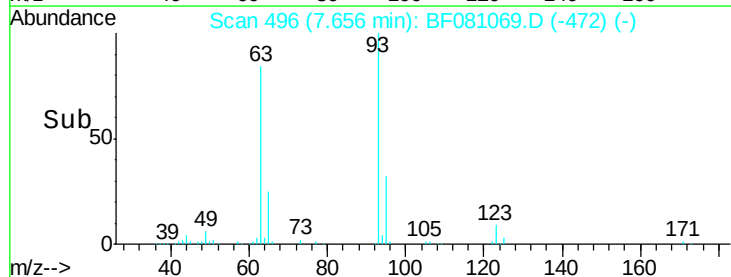
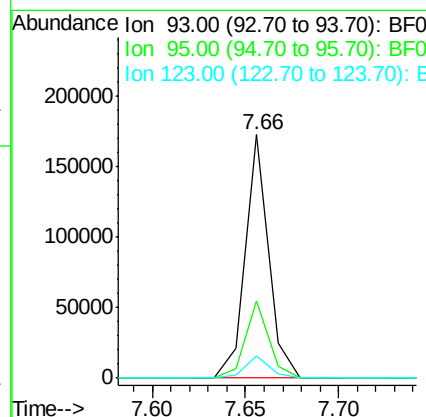
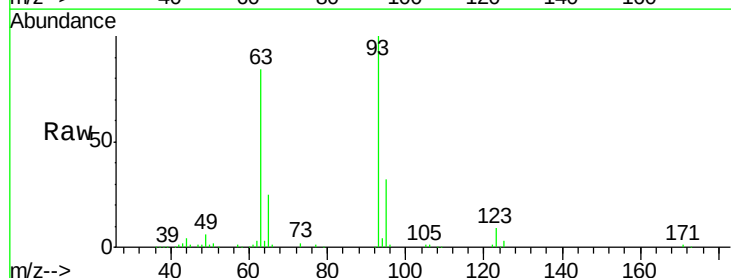
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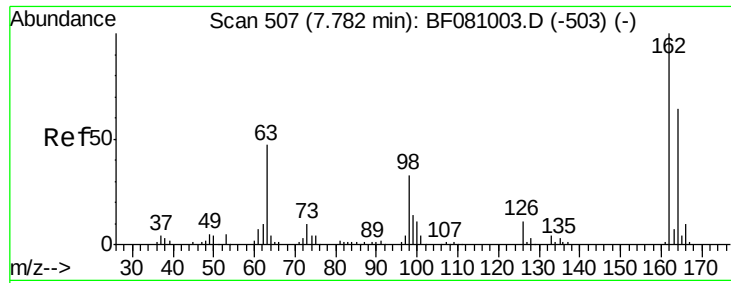
MMDadoda
 8/19/2015 2:18:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 26.64 ng
 RT: 7.66 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	150620		
95	31.8	25.8	38.8	
123	9.0	7.4	11.0	





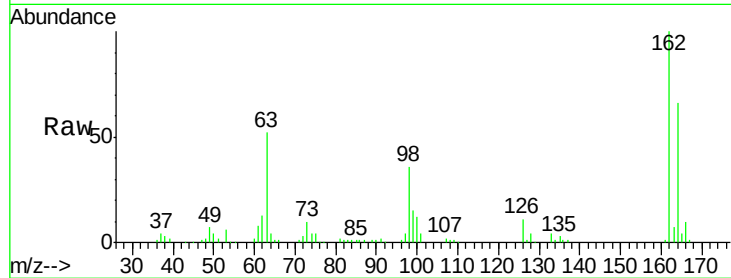
#29
 2,4-Dichlorophenol
 Concen: 28.88 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

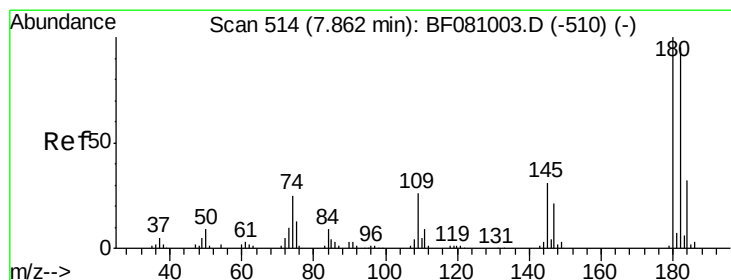
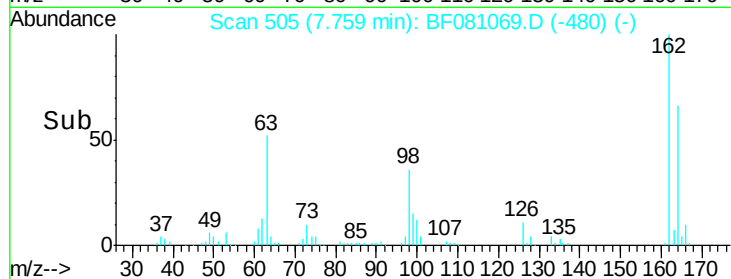
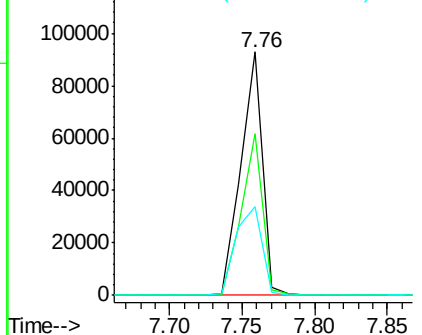
Tot Ion:	162	Resp:	95990
Ion Ratio	Lower	Upper	
162	100		
164	66.4	43.2	83.2
98	36.4	12.3	52.3

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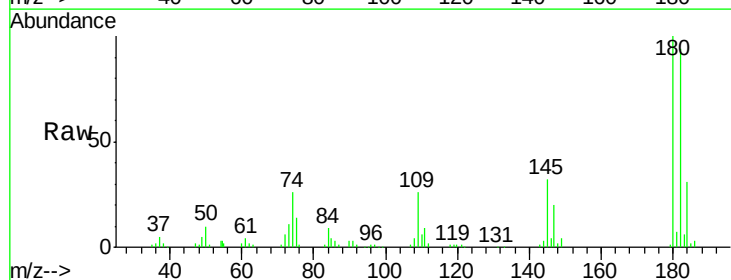


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

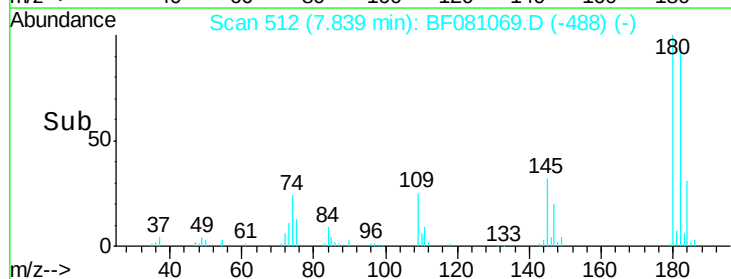
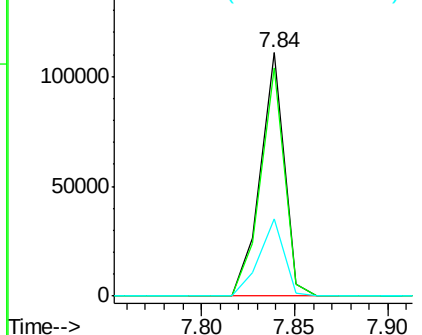


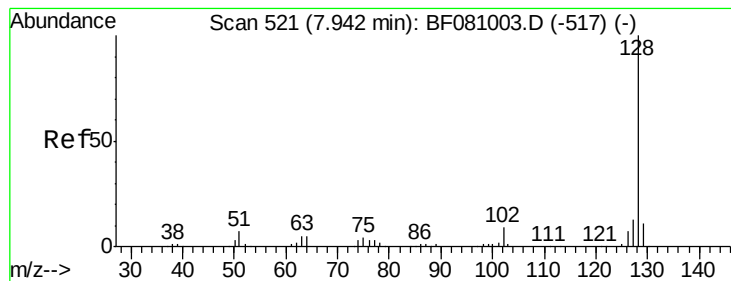
#30
 1,2,4-Trichlorobenzene
 Concen: 26.56 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion:	180	Resp:	98090
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.4	114.6
145	31.8	25.4	38.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 24.87 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

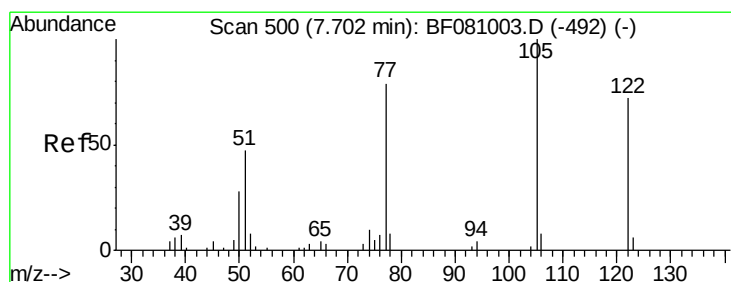
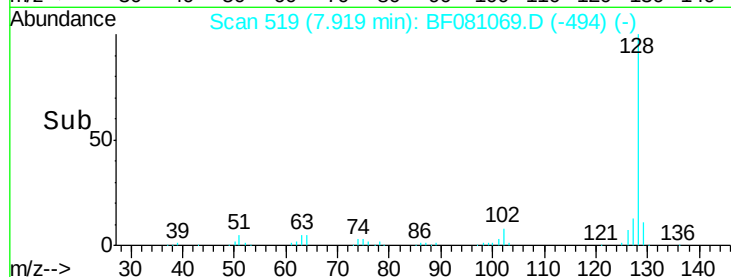
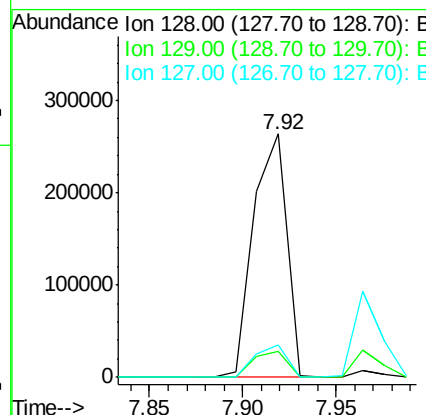
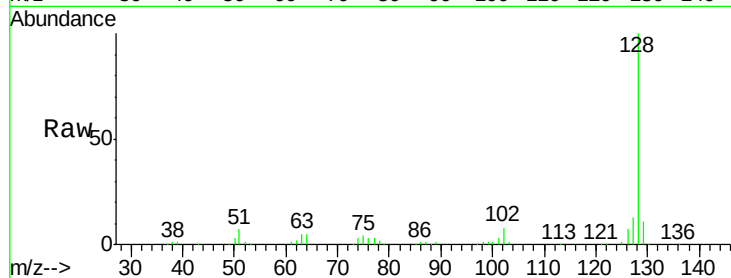
ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion:	128	Resp:	324966
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.4	12.6
127	13.2	10.6	16.0

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#32

Benzoic acid

Concen: 8.24 ng

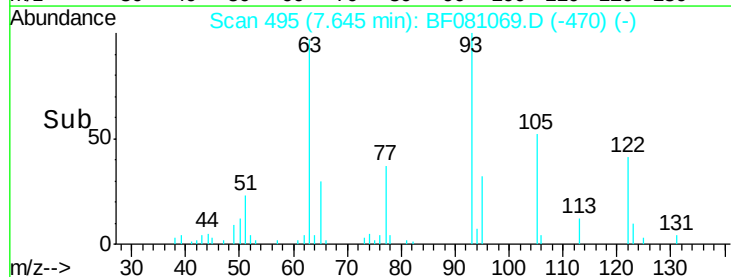
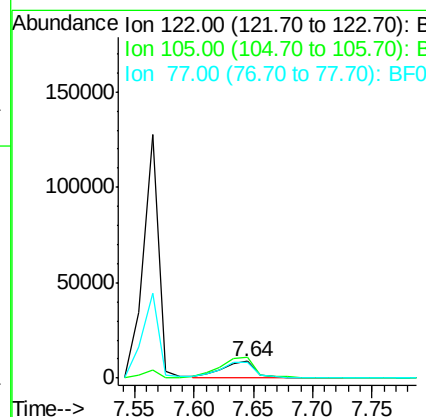
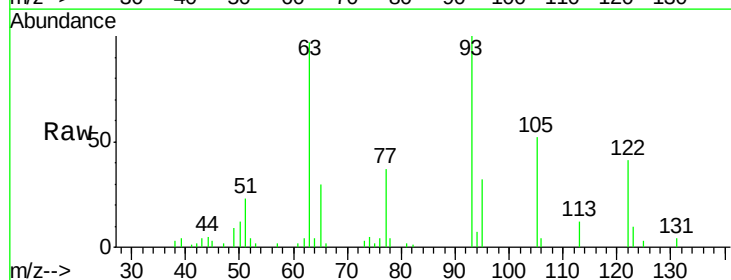
RT: 7.64 min Scan# 495

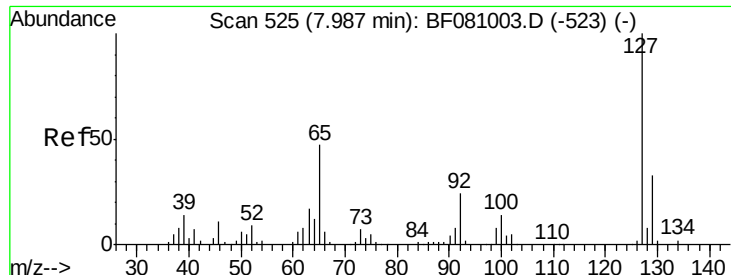
Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	122	Resp:	18306
Ion Ratio	Lower	Upper	
122	100		
105	127.4	113.8	153.8
77	90.3	93.8	133.8#





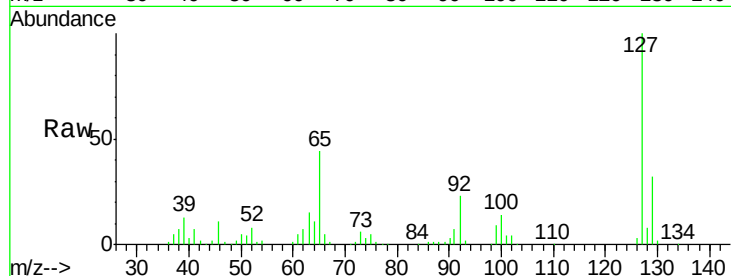
#33
4-Chloroaniline
Concen: 17.37 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

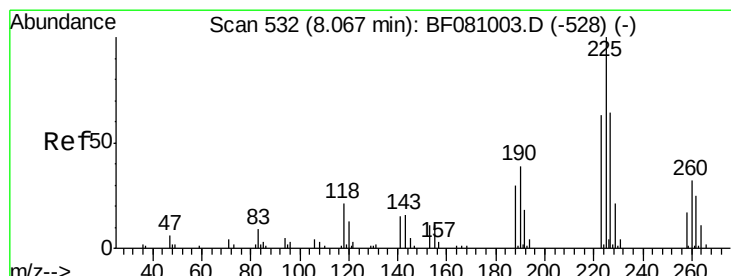
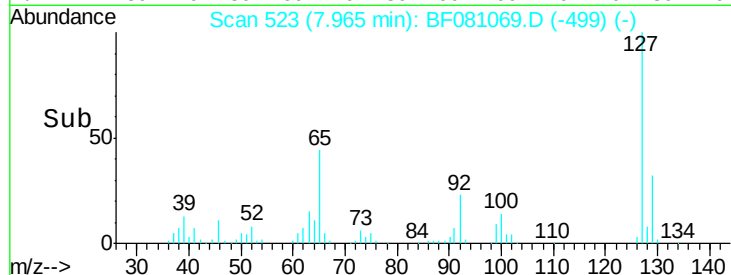
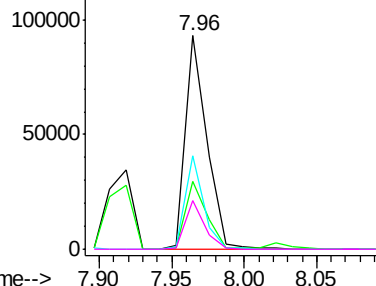
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.2	37.8
65	43.6	37.8	56.6
92	23.0	19.5	29.3

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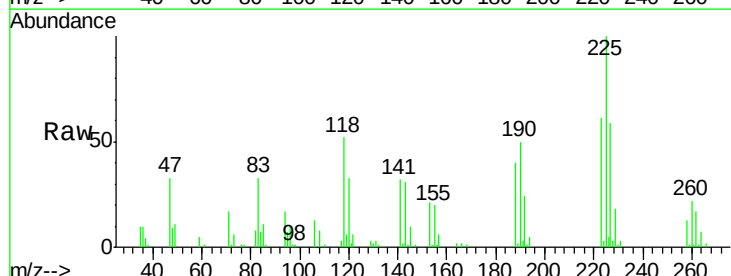


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

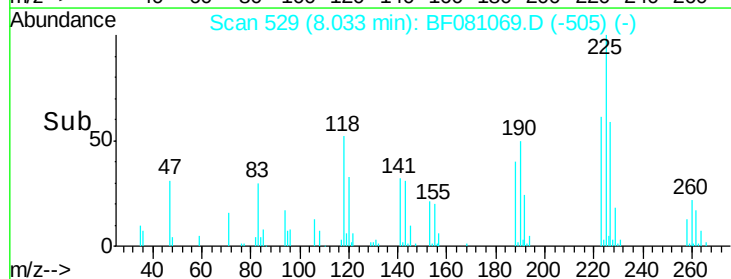
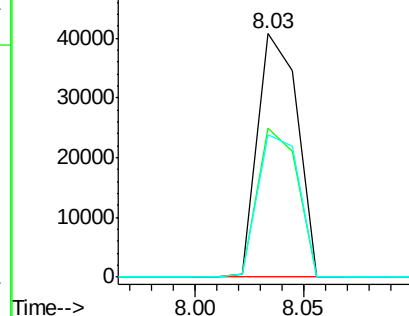


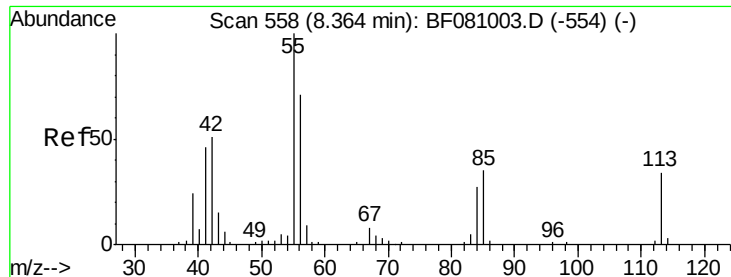
#34
Hexachlorobutadiene
Concen: 24.91 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.6	79.0
227	58.6	51.1	76.7



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





#35

Caprolactam

Concen: 27.32 ng/ml

RT: 8.33 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

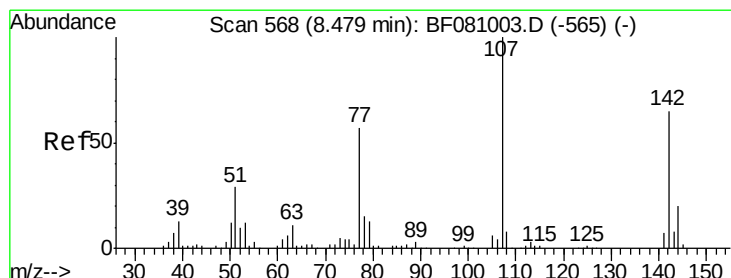
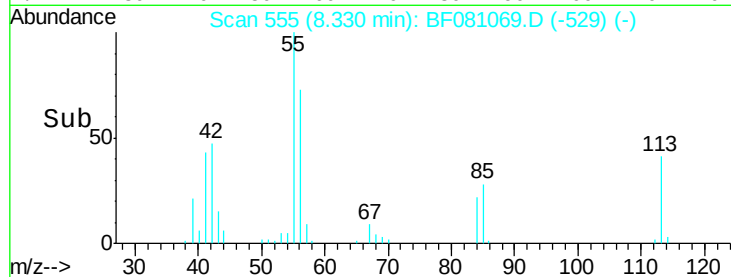
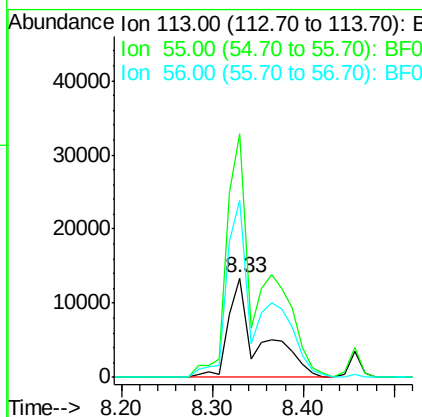
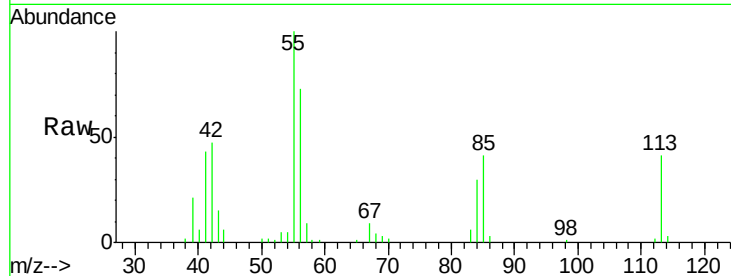
ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion:	113	Resp:	31731
Ion Ratio	Lower	Upper	
113	100		
55	245.3	280.4	320.4#
56	178.8	205.9	245.9#

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#36

4-Chloro-3-methylphenol

Concen: 28.88 ng/ml

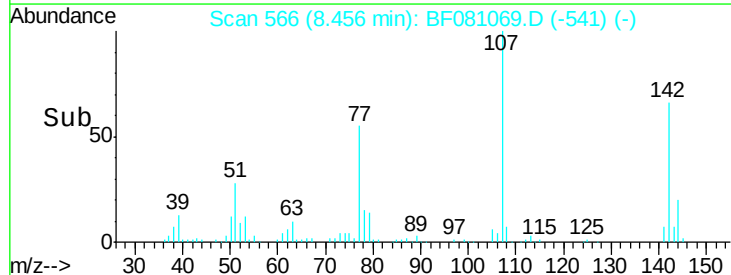
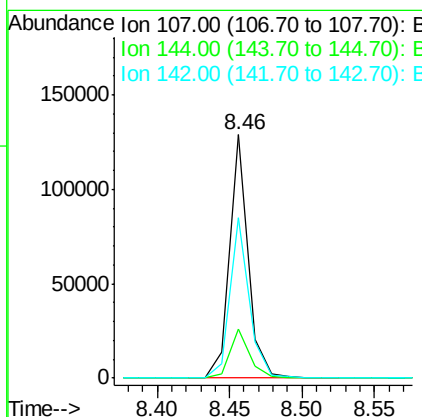
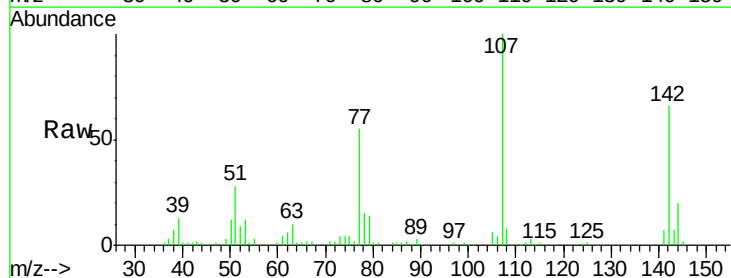
RT: 8.46 min Scan# 566

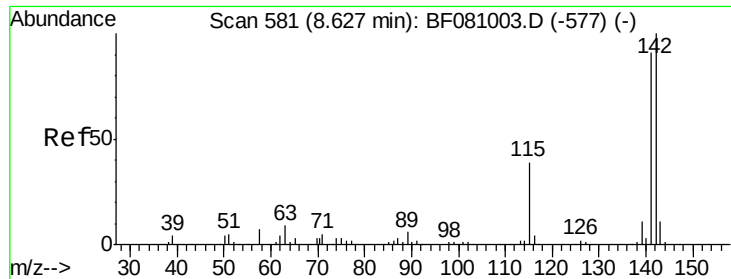
Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	107	Resp:	114382
Ion Ratio	Lower	Upper	
107	100		
144	20.1	17.2	25.8
142	66.1	54.9	82.3





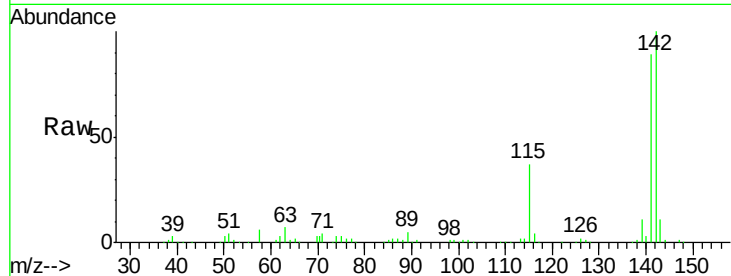
#37
2-Methylnaphthalene
Concen: 28.69 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampled :
COFF-3(0-2)-1MS

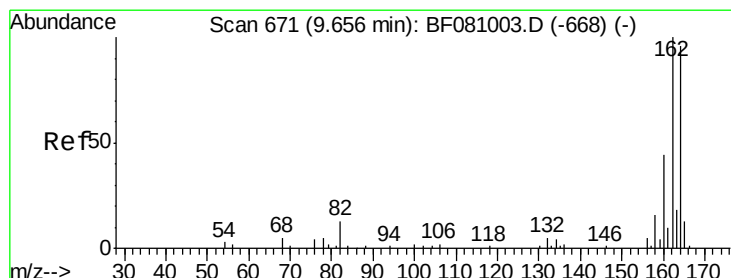
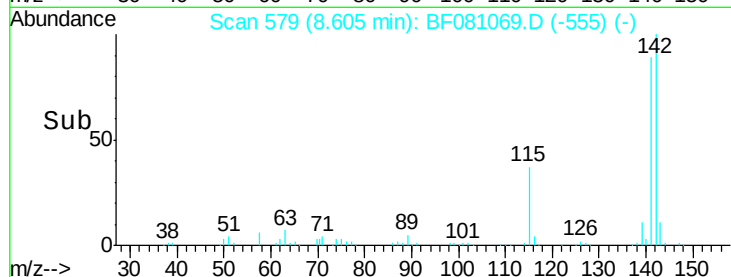
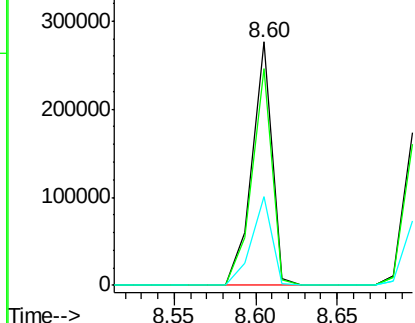
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	36.5	33.4	50.0

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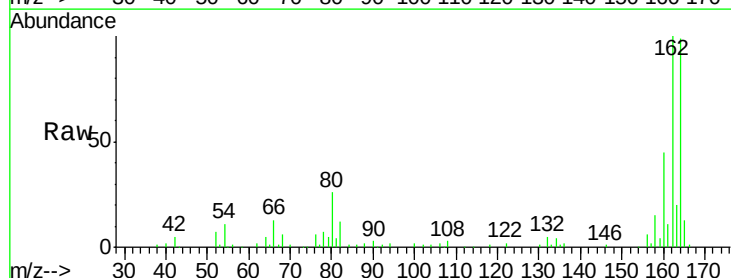


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

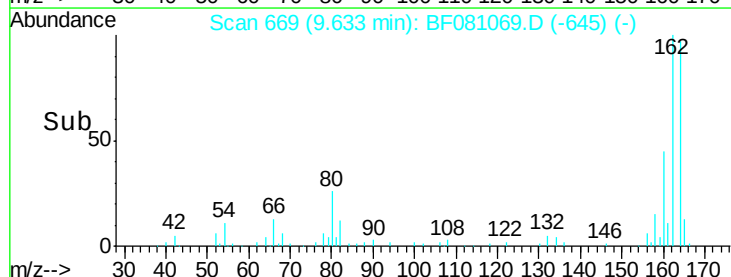
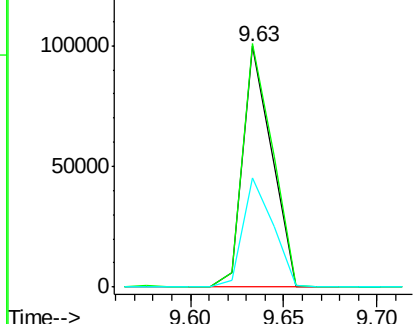


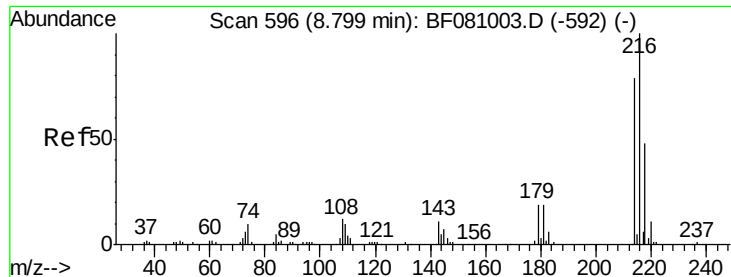
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.8	125.8
160	45.5	39.8	59.8



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





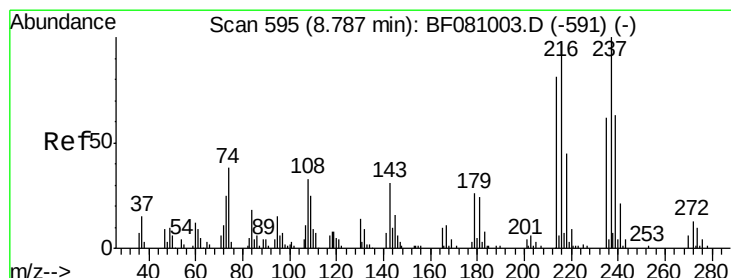
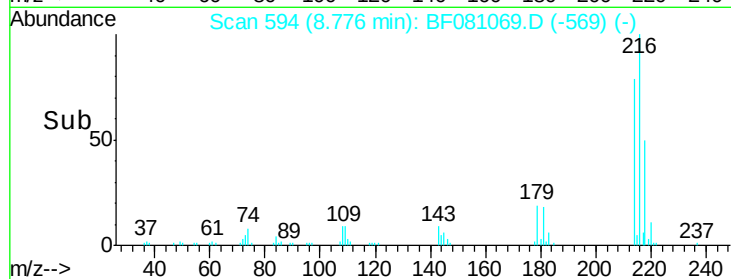
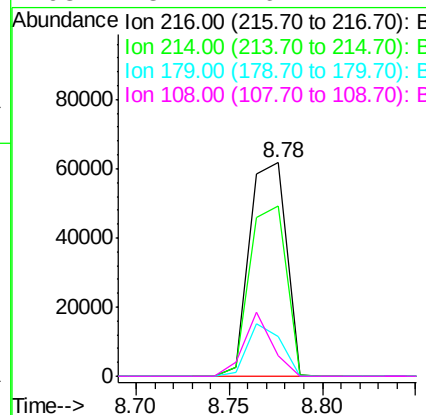
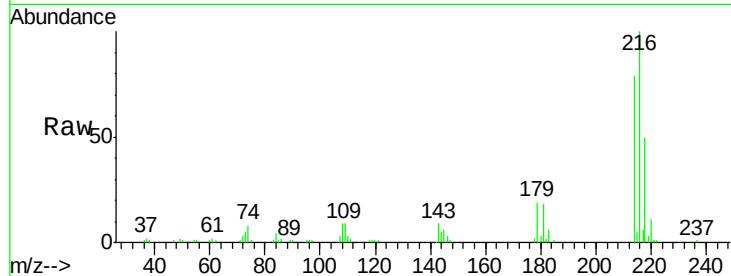
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.49 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		84603		
214	79.3	63.8	95.8		
179	22.6	17.8	26.8		
108	23.1	16.2	24.2		

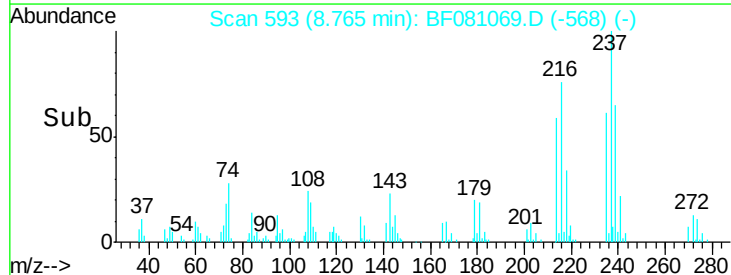
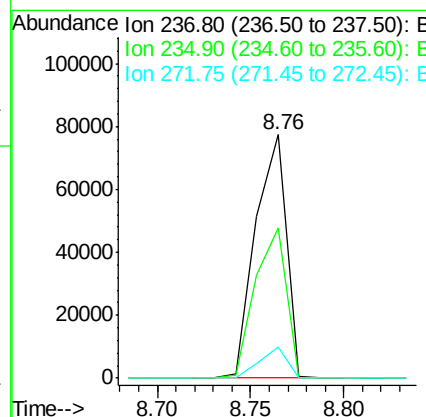
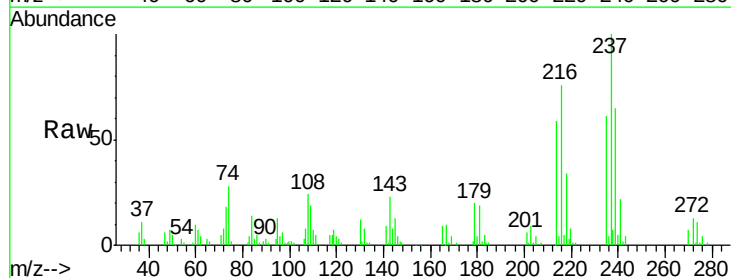
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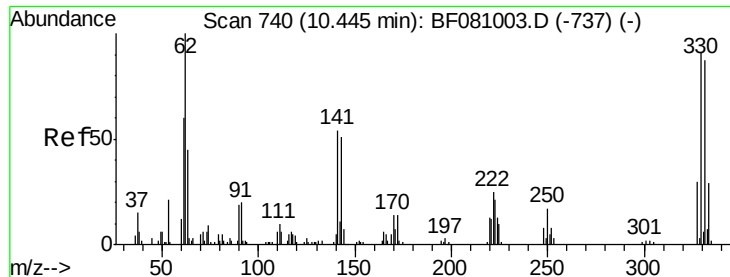
MMDadoda
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#40
 Hexachlorocyclopentadiene
 Concen: 50.03 ng
 RT: 8.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		89465		
235	61.5	43.6	83.6		
272	12.7	0.0	32.2		





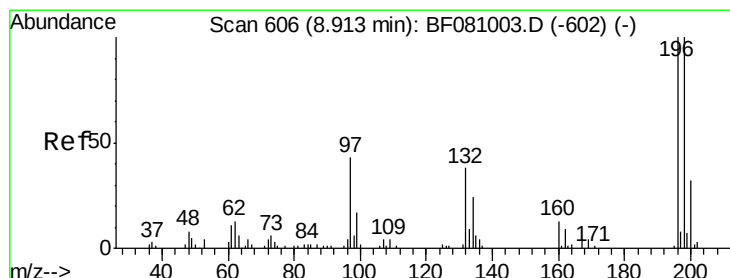
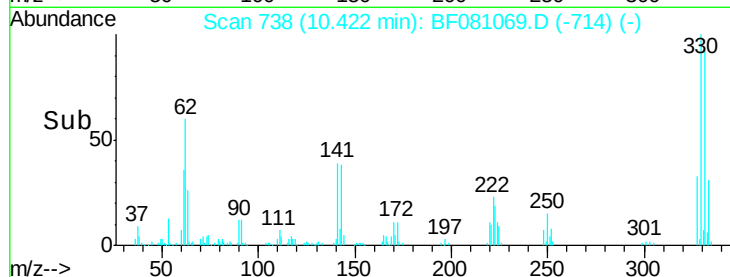
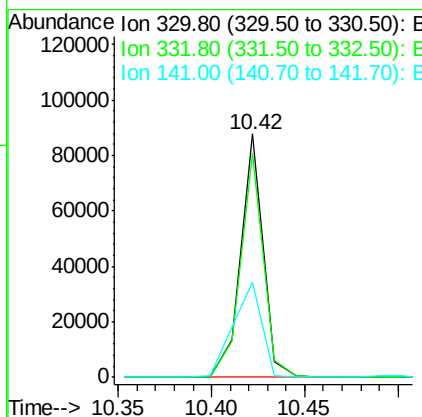
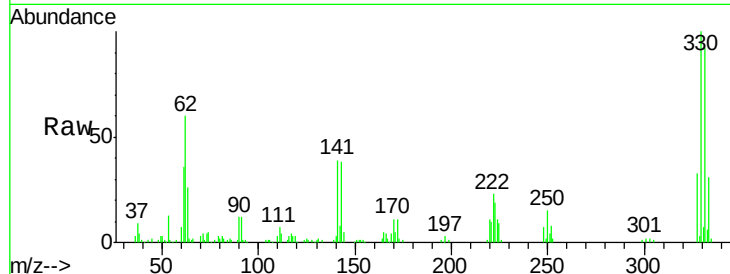
#41
 2,4,6-Tribromophenol
 Concen: 79.44 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.3	115.9
141	50.0	44.9	67.3

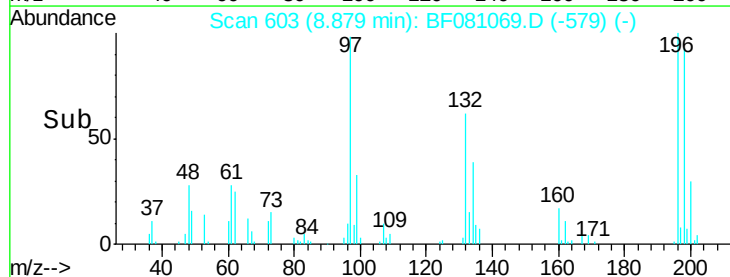
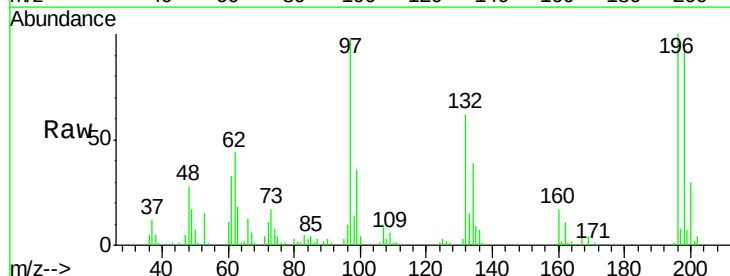
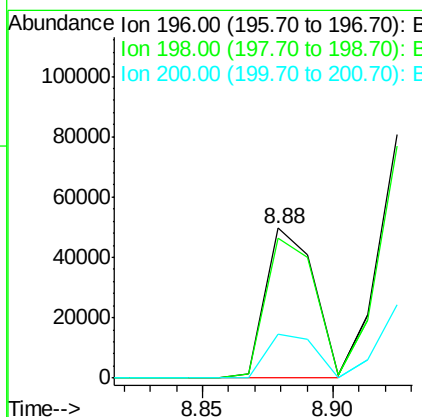
Manual Integrations
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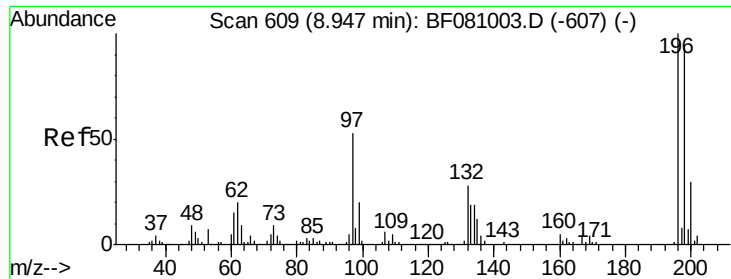
MMDadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 26.13 ng
 RT: 8.88 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.6	111.8
200	29.8	22.7	34.1





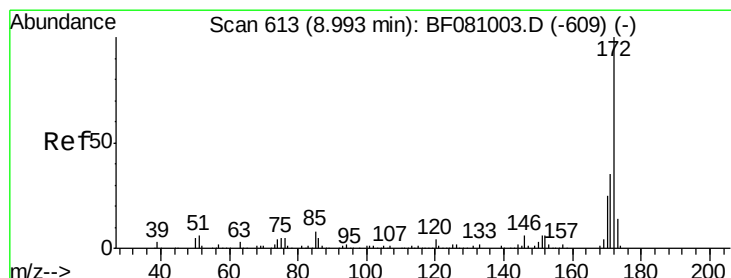
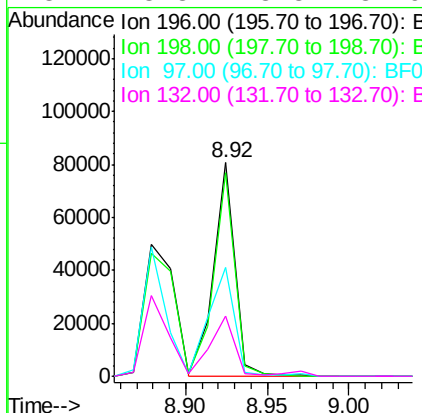
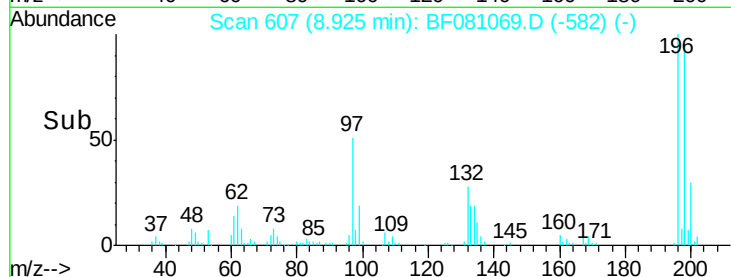
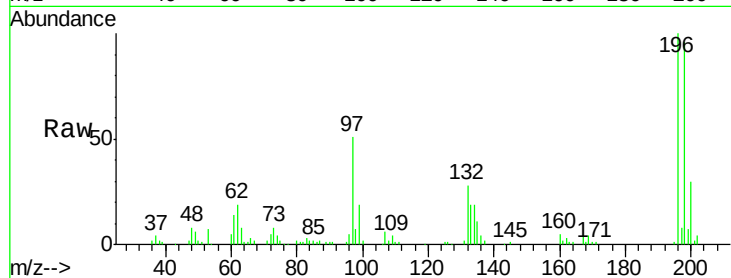
#43
 2,4,5-Trichlorophenol
 Concen: 30.23 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		73749		
198	95.5	78.3	117.5		
97	50.8	42.7	64.1		
132	28.3	23.3	34.9		

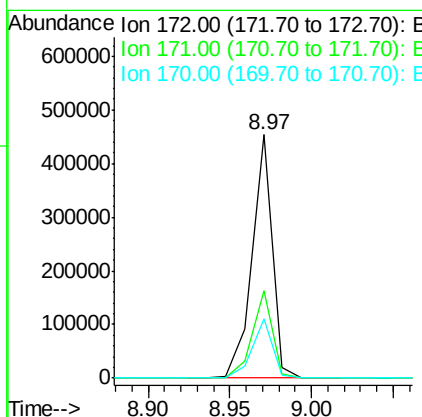
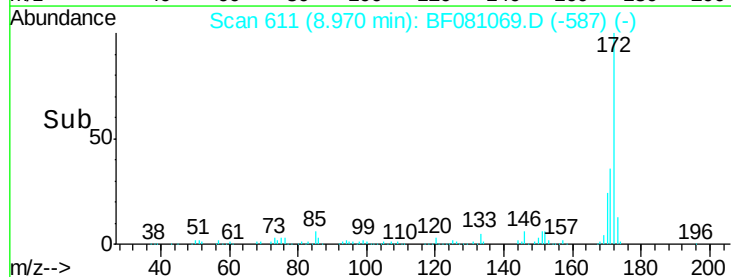
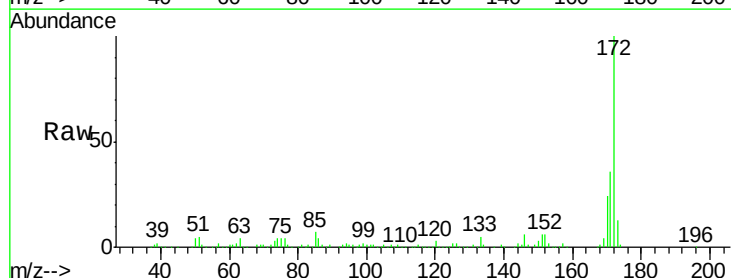
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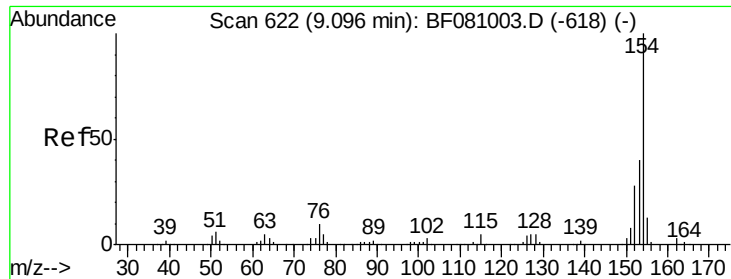
MMDadoda
 8/19/2015 2:18:32 PM



#44
 2-Fluorobiphenyl
 Concen: 47.76 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		390299		
171	35.8	28.9	43.3		
170	24.4	19.4	29.2		





#45

1,1'-Biphenyl

Concen: 27.69 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

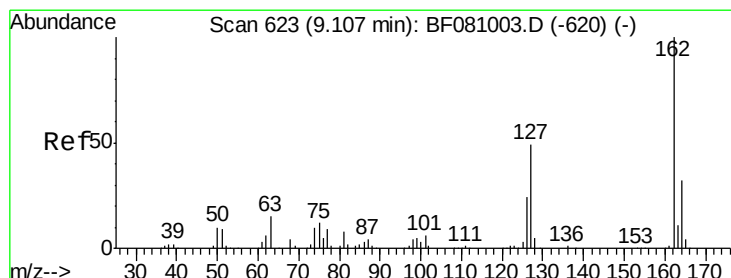
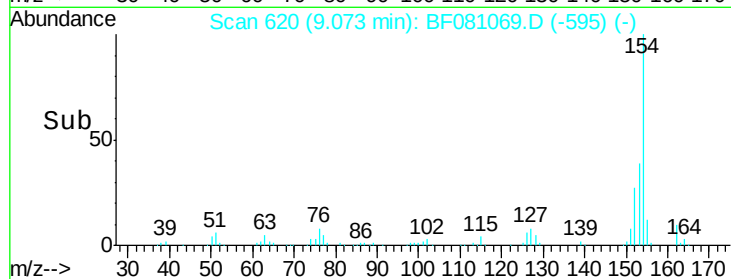
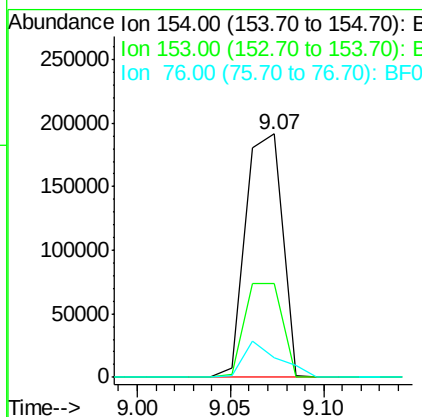
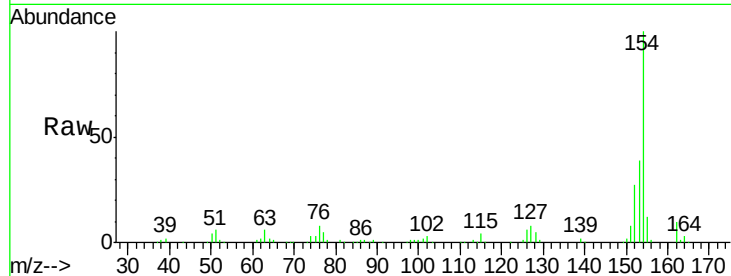
ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion:	154	Resp:	261153
Ion Ratio	Lower	Upper	
154	100		
153	38.8	19.5	59.5
76	7.9	0.0	29.3

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#46

2-Chloronaphthalene

Concen: 25.18 ng

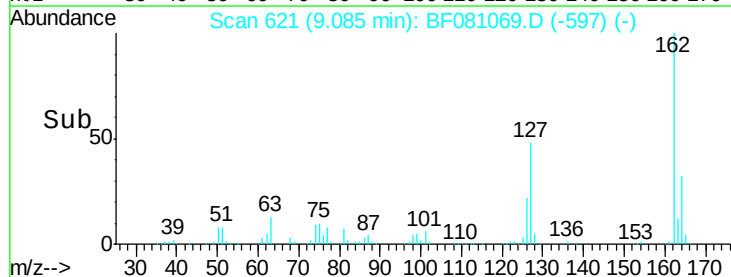
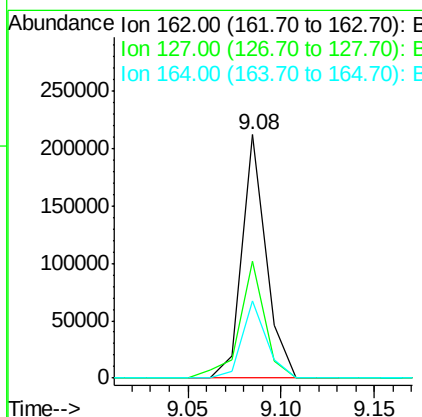
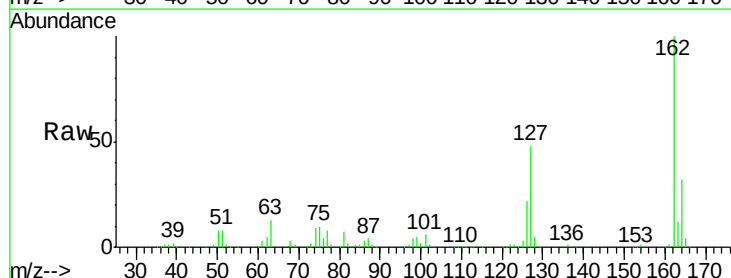
RT: 9.08 min Scan# 621

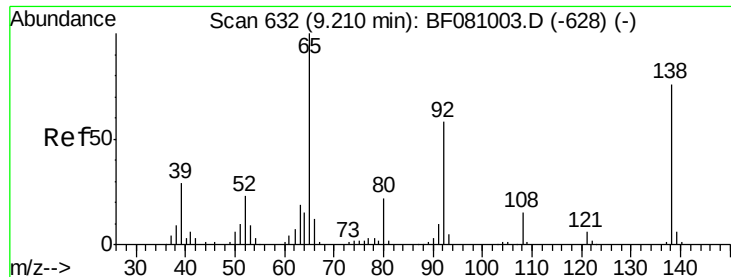
Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	162	Resp:	190805
Ion Ratio	Lower	Upper	
162	100		
127	47.8	31.3	46.9#
164	31.9	26.3	39.5





#47

2-Nitroaniline

Concen: 31.27 ng

RT: 9.19 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

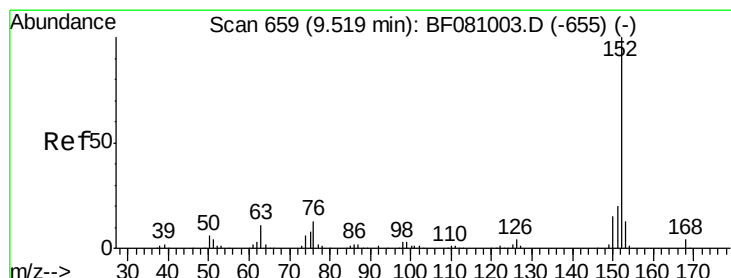
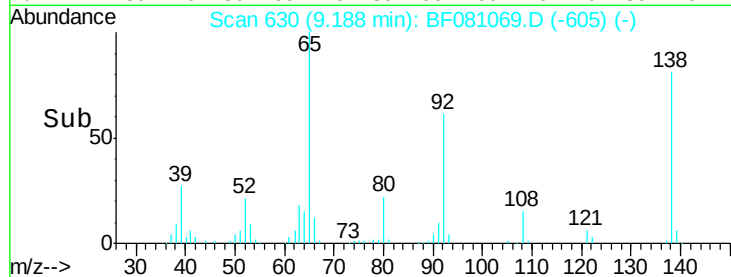
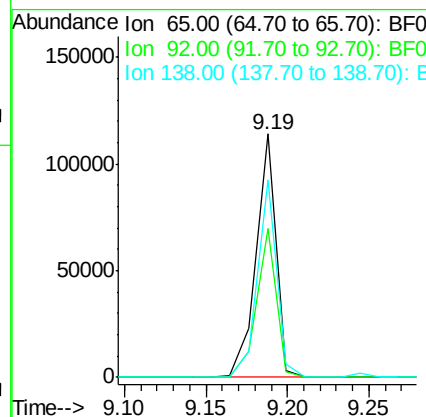
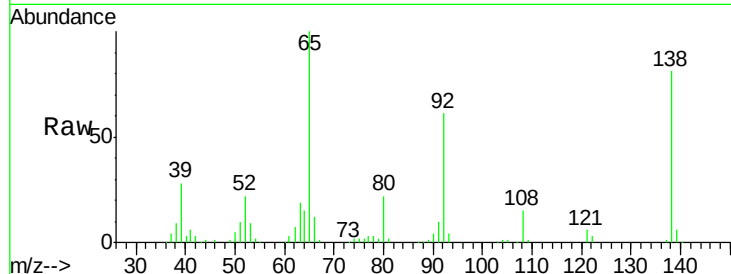
ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.3	45.6	68.4
138	81.2	57.9	86.9

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#48

Acenaphthylene

Concen: 24.67 ng

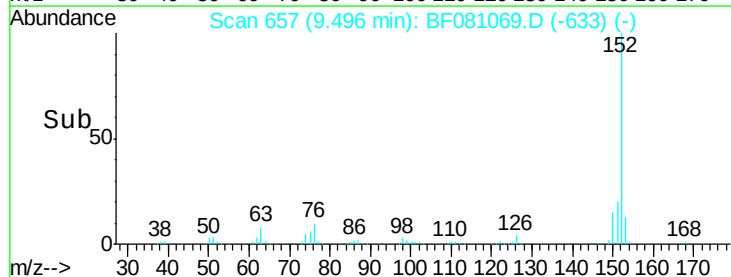
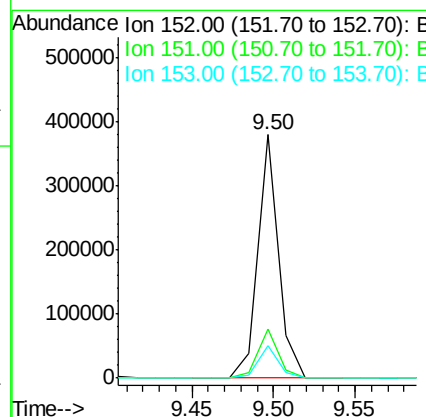
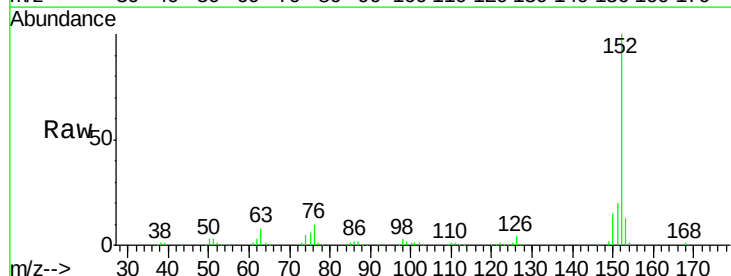
RT: 9.50 min Scan# 657

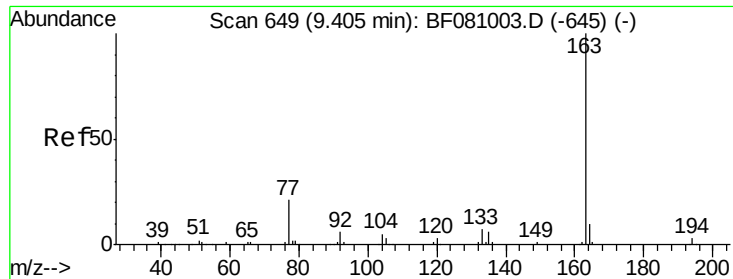
Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.2	9.8	14.6





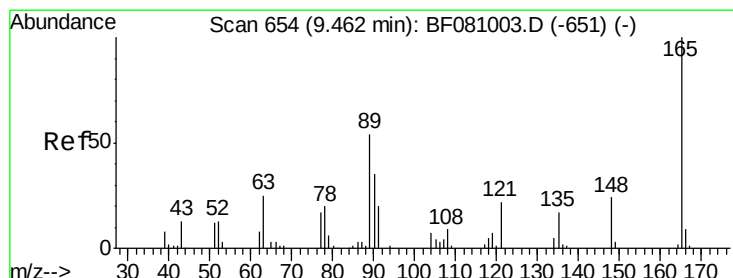
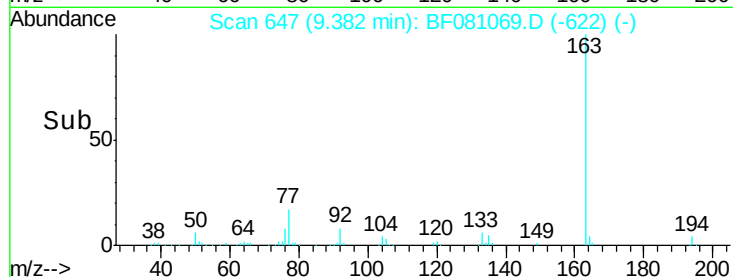
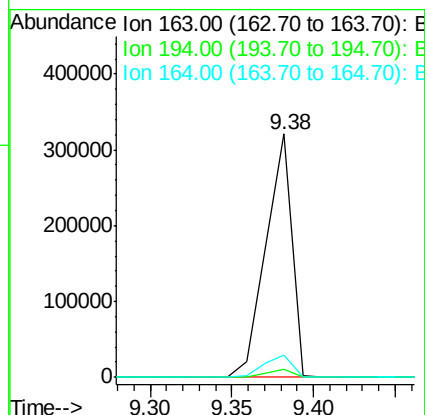
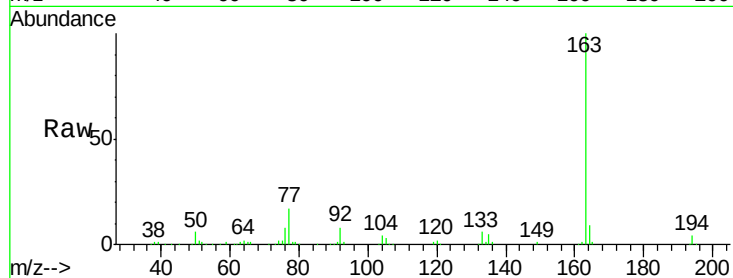
#49
Dimethylphthalate
Concen: 40.36 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.5	3.7
164	9.3	8.1	12.1

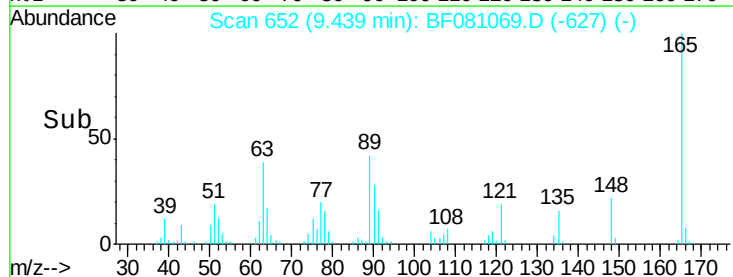
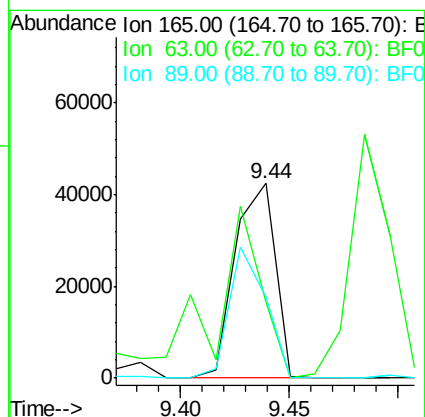
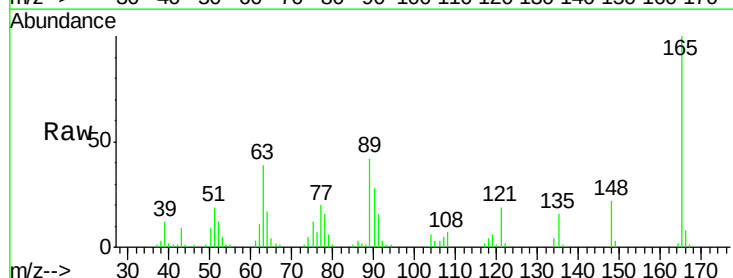
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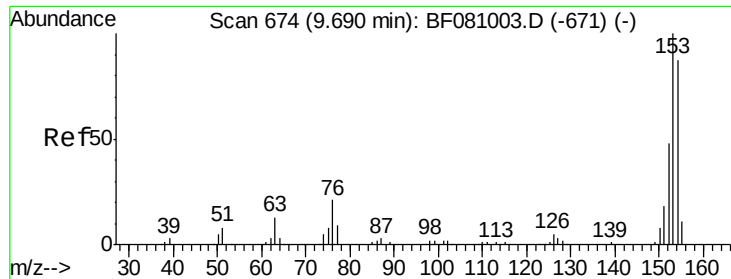
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#50
2,6-Dinitrotoluene
Concen: 28.71 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	39.3	49.5	74.3#
89	41.9	47.6	71.4#





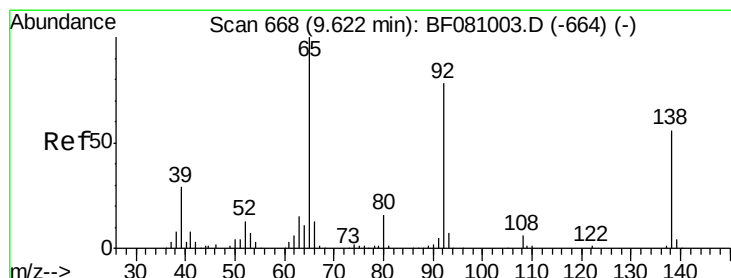
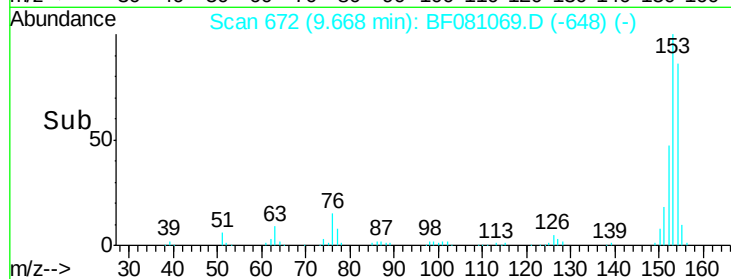
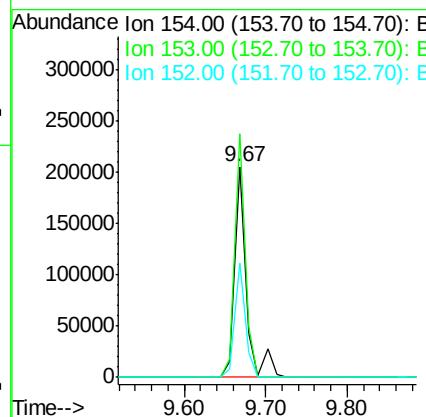
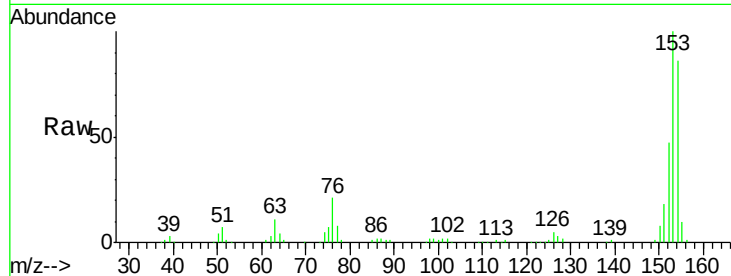
#51
Acenaphthene
Concen: 25.41 ng
RT: 9.67 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.4	137.2
152	54.6	43.7	65.5

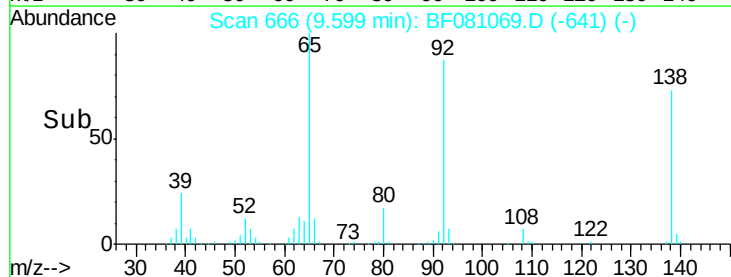
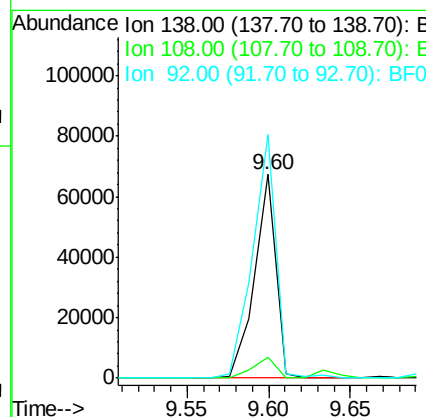
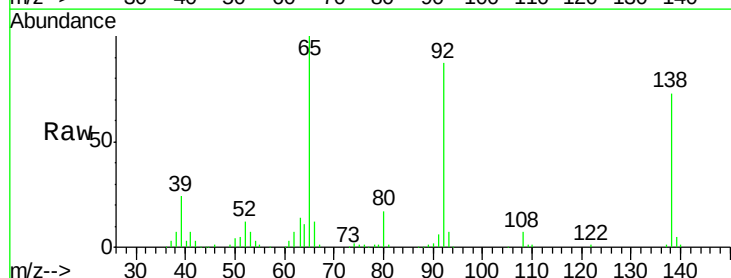
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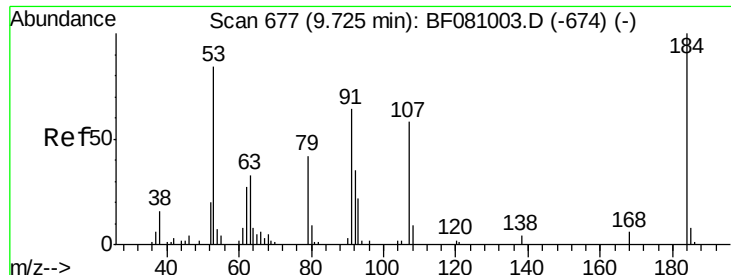
MMDadoda
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#52
3-Nitroaniline
Concen: 25.86 ng
RT: 9.60 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.2
92	119.7	113.2	169.8





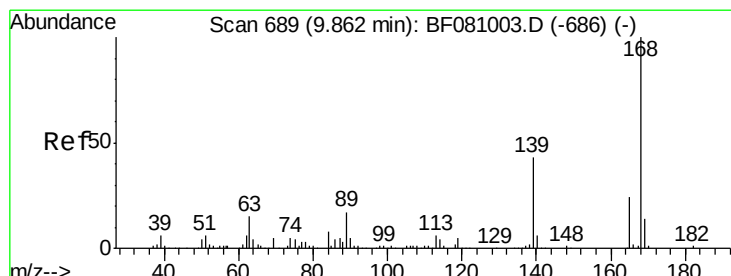
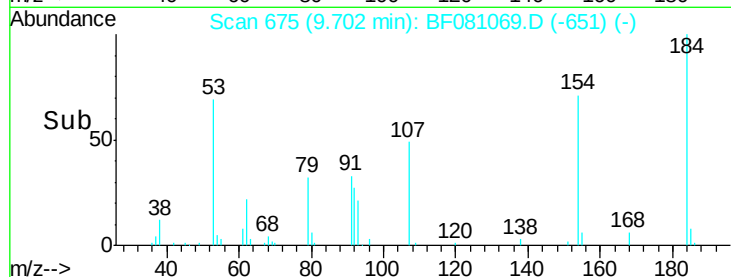
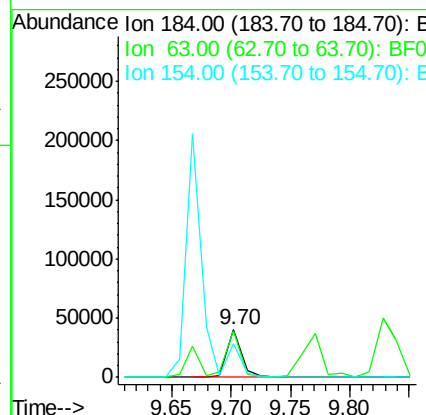
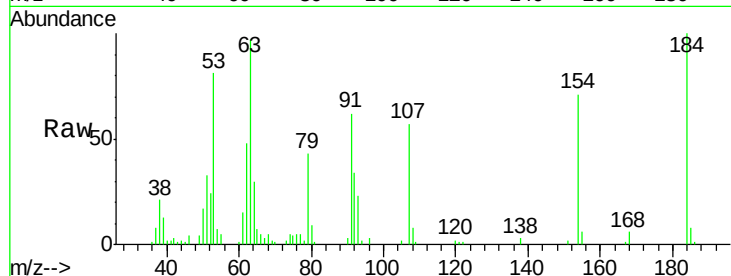
#53
 2,4-Dinitrophenol
 Concen: 38.55 ng
 RT: 9.70 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	35157		
63	96.8	101.7	152.5#	
154	70.7	67.4	101.0	

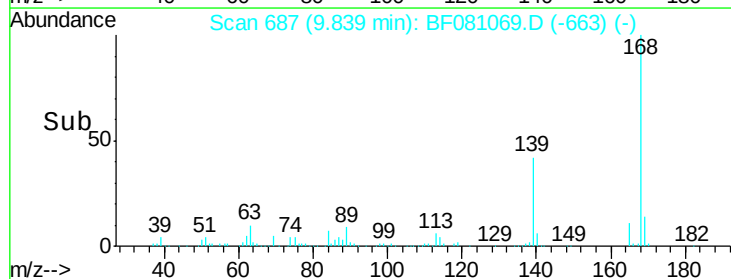
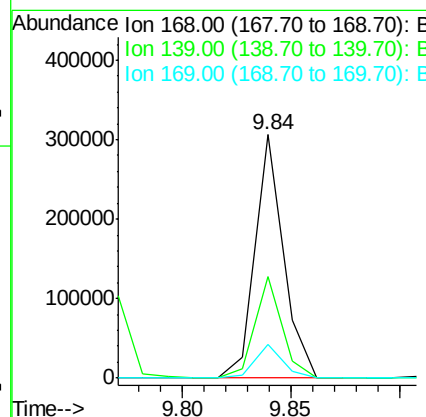
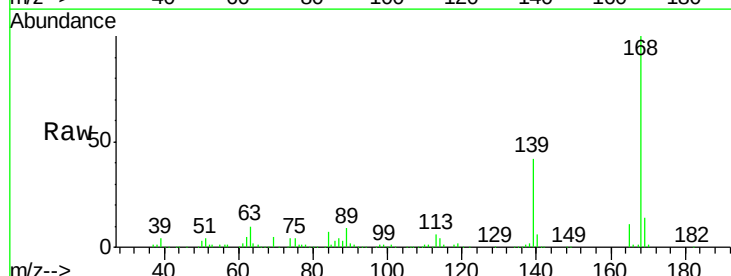
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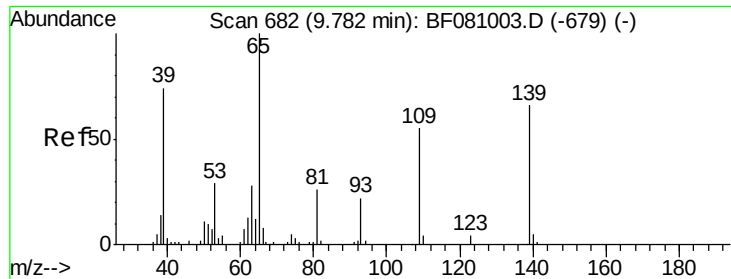
MMDadoda
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#54
 Dibenzofuran
 Concen: 25.56 ng
 RT: 9.84 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	277966		
139	41.9	29.3	43.9	
169	13.7	10.3	15.5	





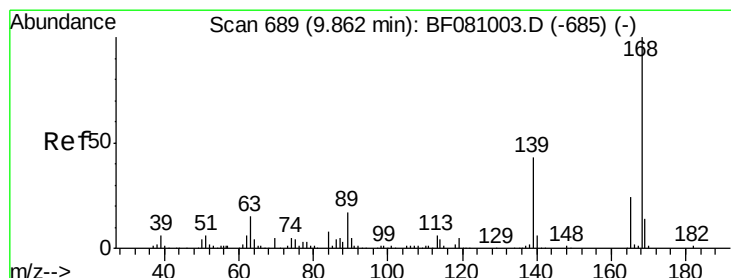
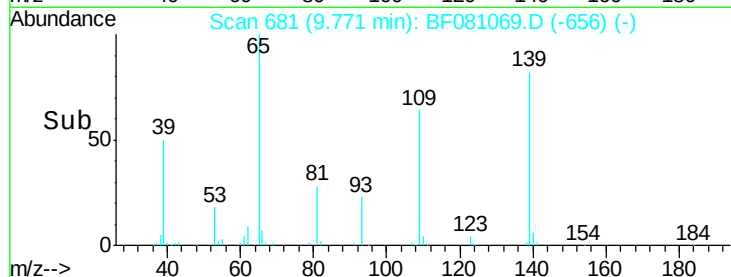
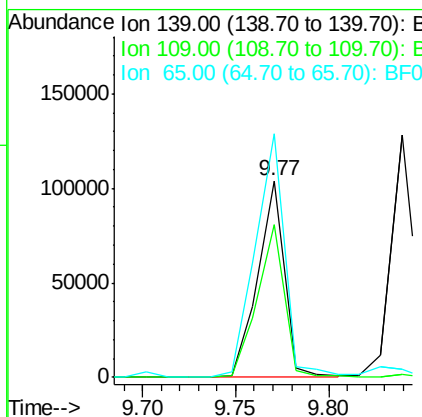
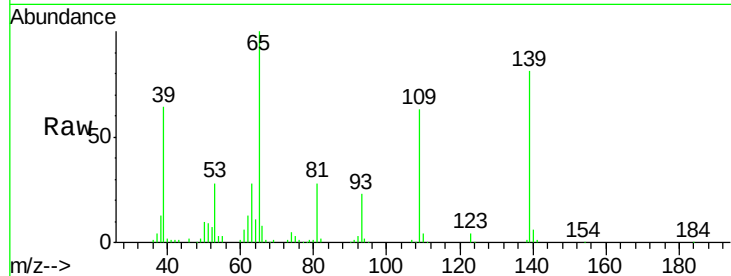
#55
4-Nitrophenol
Concen: 61.93 ng
RT: 9.77 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.4	80.0	120.0#	
65	123.7	138.3	178.3#	

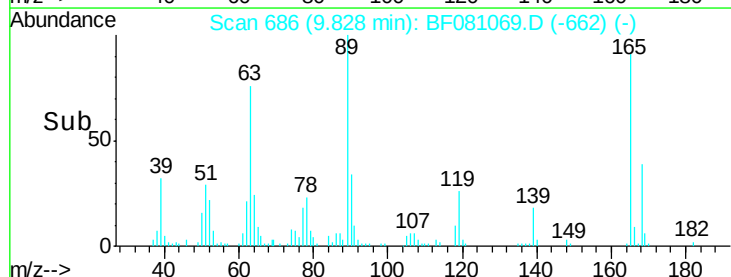
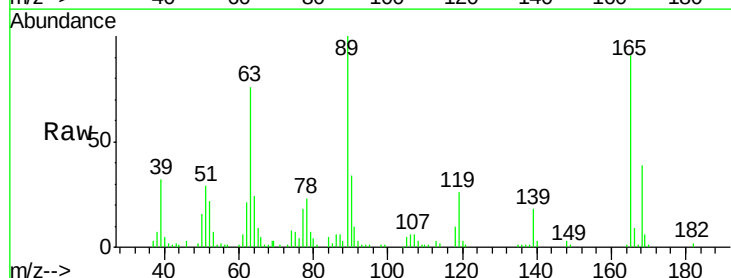
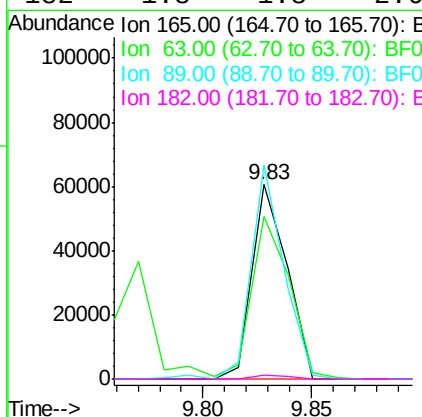
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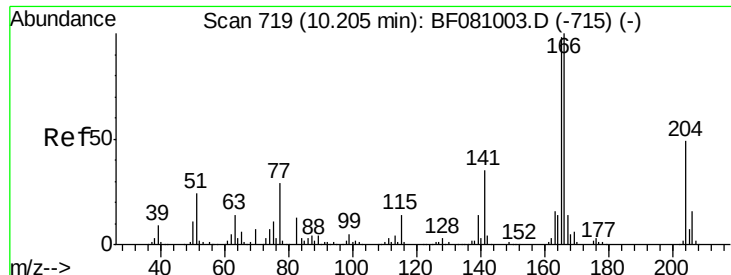
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 26.84 ng
RT: 9.83 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	83.6	52.2	78.4#	
89	110.0	60.1	90.1#	
182	1.8	1.8	2.6	





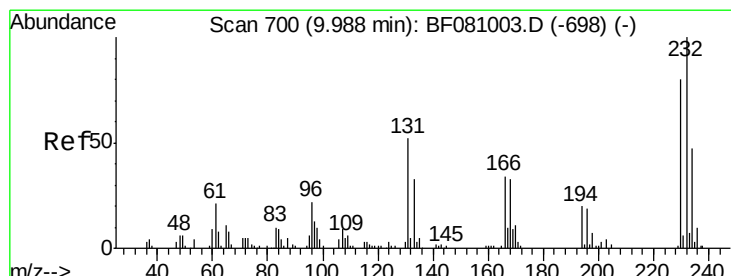
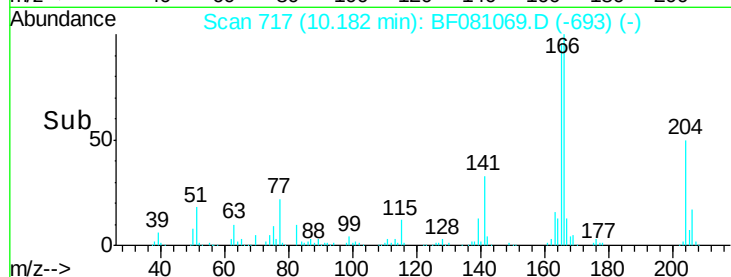
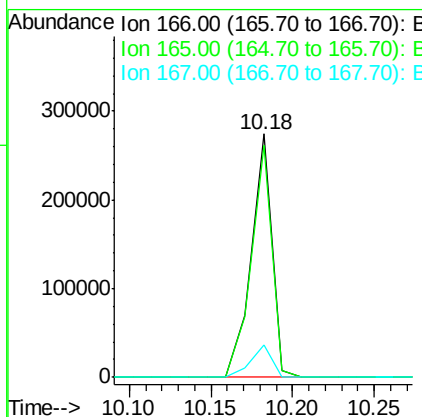
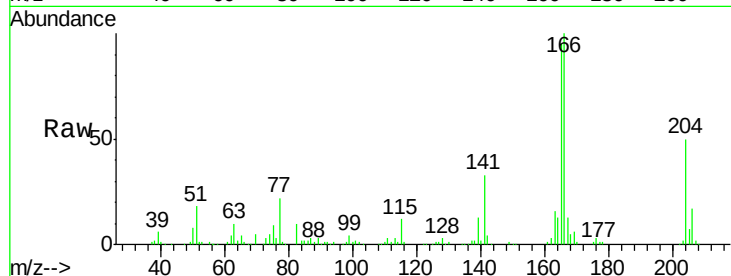
#57
 Fluorene
 Concen: 29.00 ng
 RT: 10.18 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	242618		
165	95.3	75.8	113.8	
167	13.4	11.3	16.9	

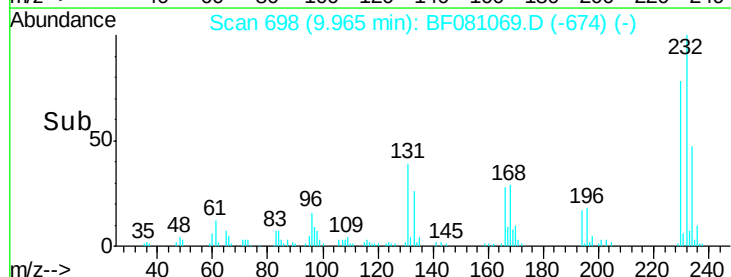
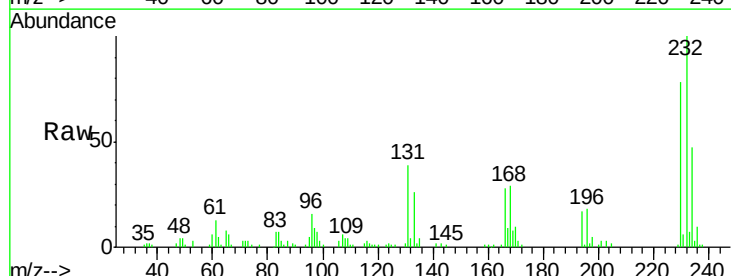
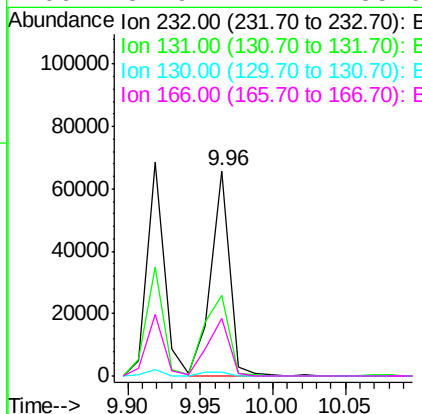
Manual Integrations
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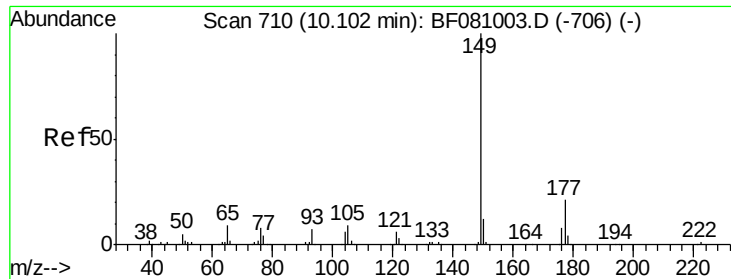
MMDadoda
 8/19/2015 2:18:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.26 ng
 RT: 9.96 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	59030		
131	51.3	42.2	63.4	
130	2.6	2.1	3.1	
166	31.9	22.4	33.6	





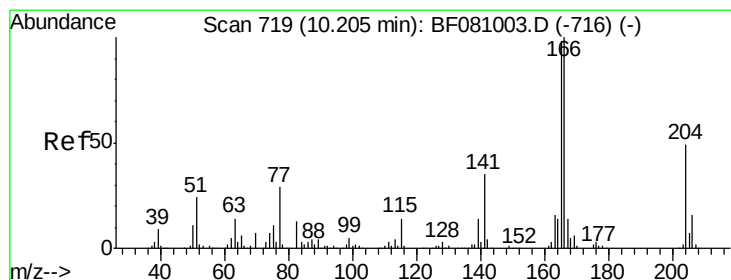
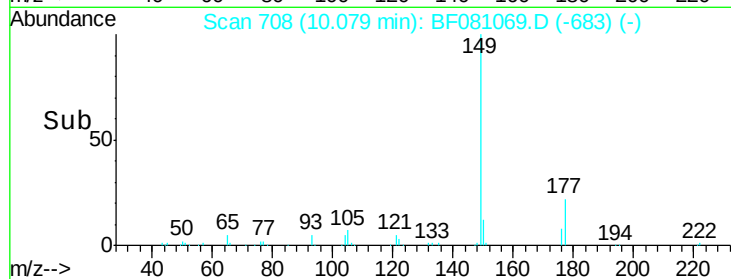
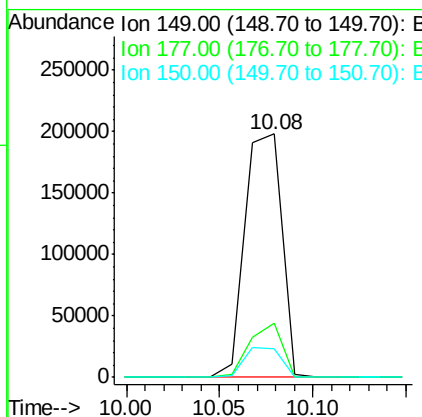
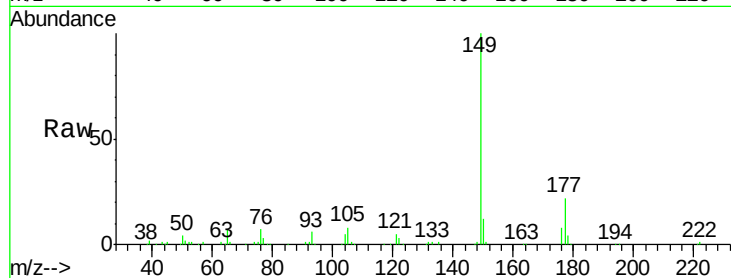
#59
Diethylphthalate
Concen: 29.52 ng
RT: 10.08 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	275537		
177	22.1	14.1	21.1#	
150	11.8	10.3	15.5	

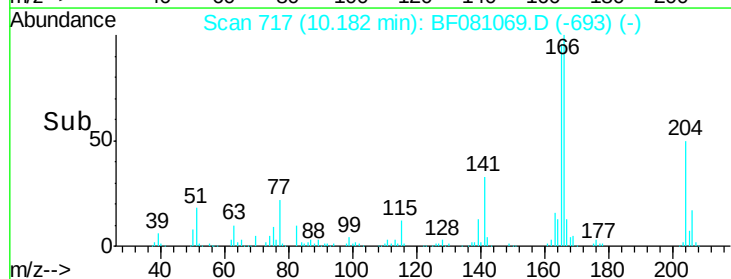
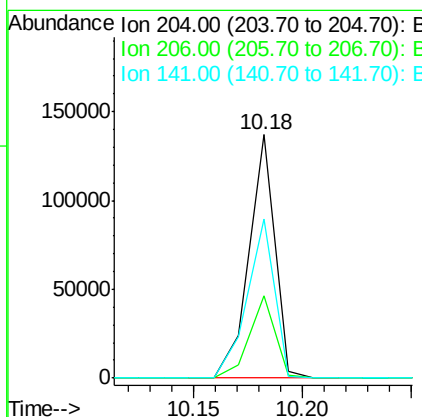
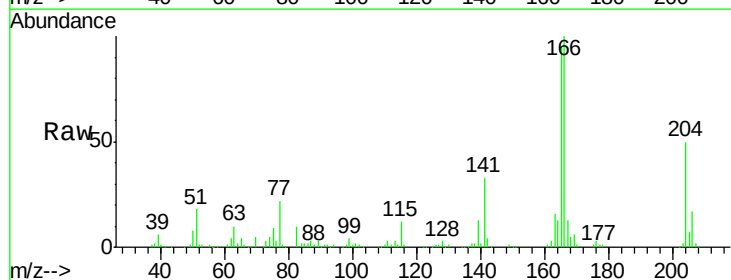
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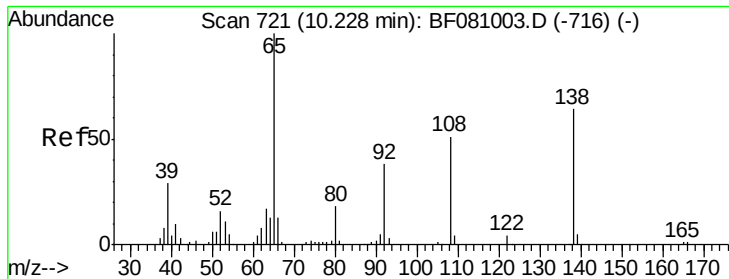
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#60
4-Chlorophenyl-phenylether
Concen: 32.01 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	113321		
206	34.0	26.2	39.2	
141	65.5	59.6	89.4	





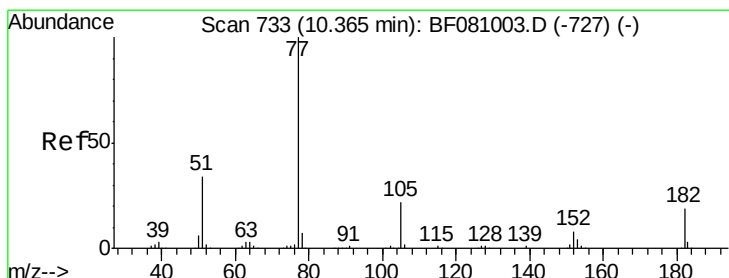
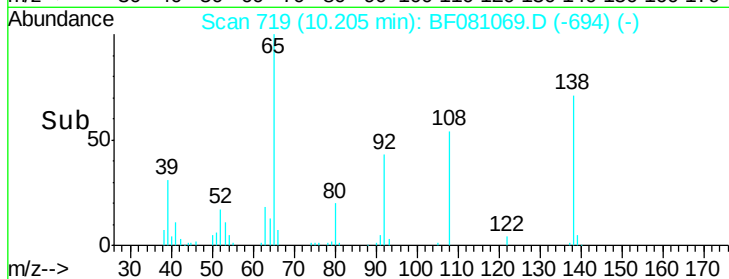
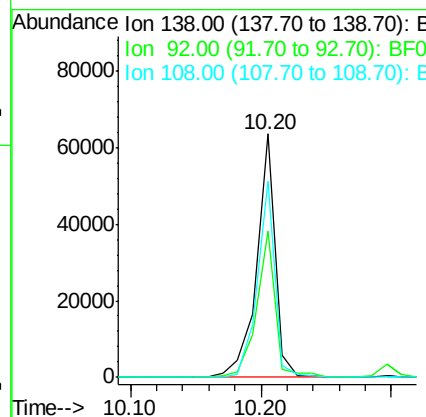
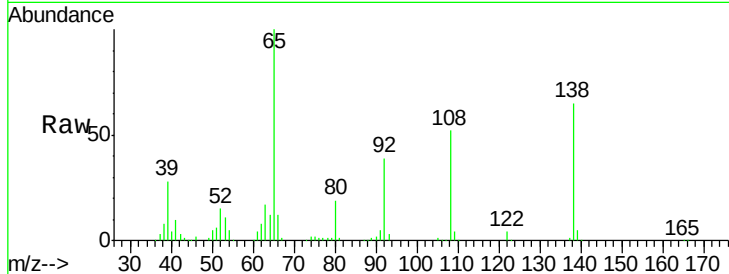
#61
4-Nitroaniline
Concen: 26.09 ng
RT: 10.20 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.1	34.7	74.7
108	80.6	68.9	108.9

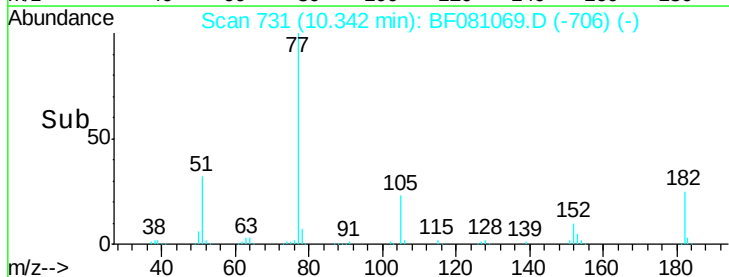
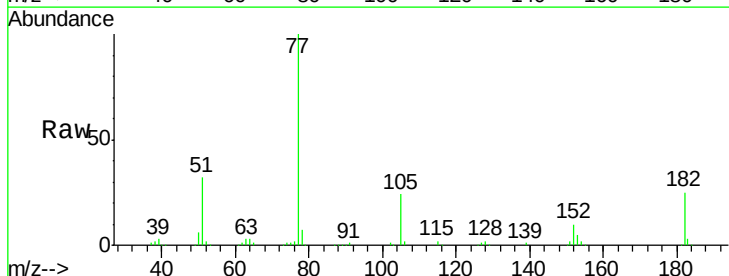
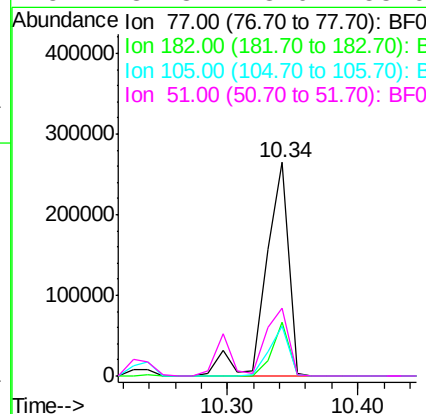
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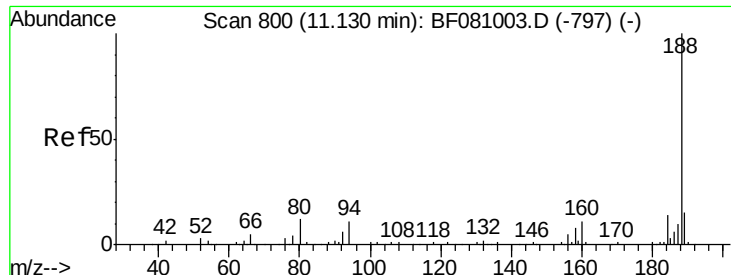
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#62
Azobenzene
Concen: 30.11 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	0.0	39.0
105	23.6	0.2	40.2
51	31.8	18.0	58.0





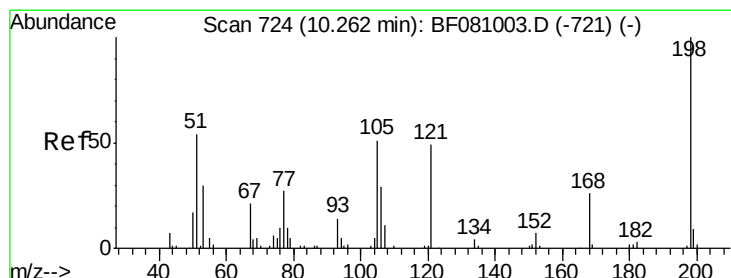
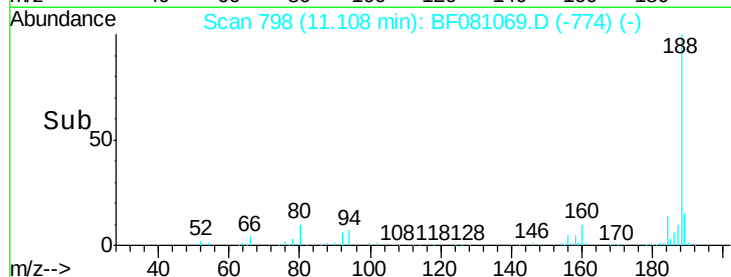
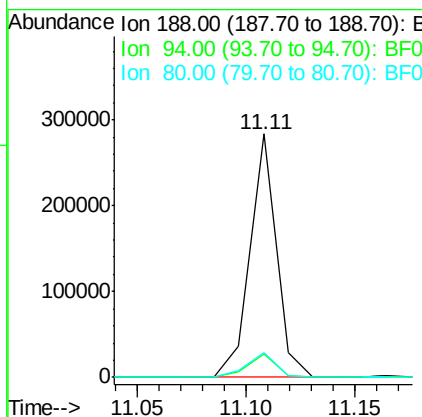
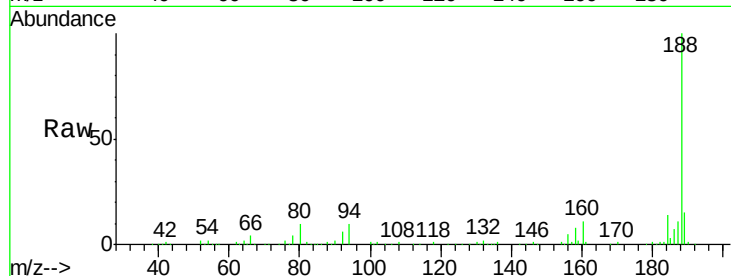
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.4	9.5	14.3

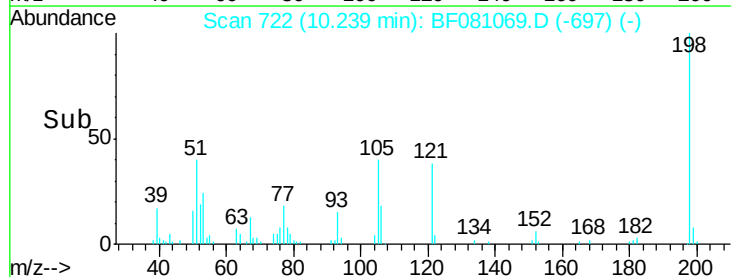
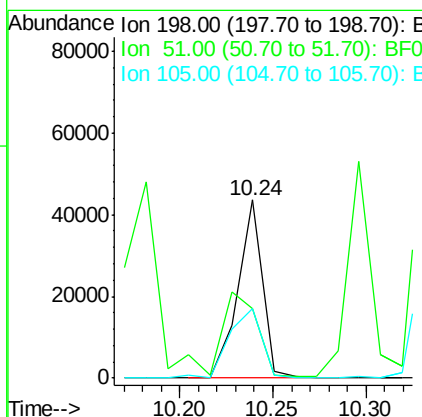
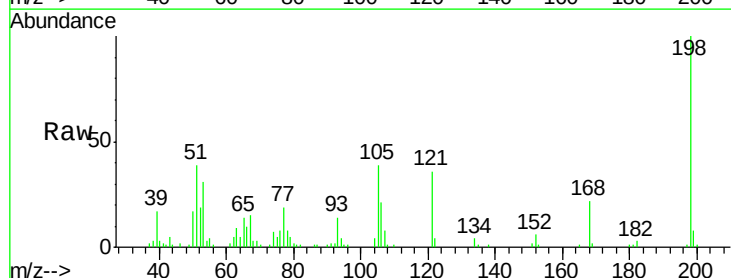
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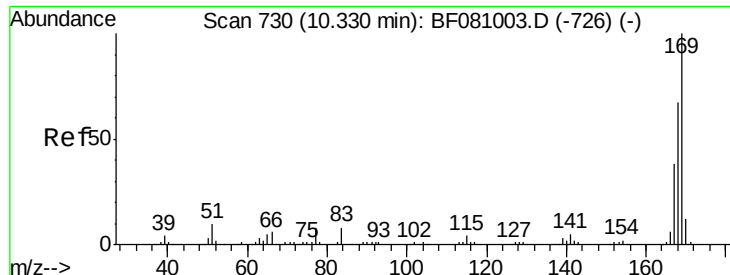
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.16 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.9	79.7	119.7#
105	39.2	47.0	87.0#





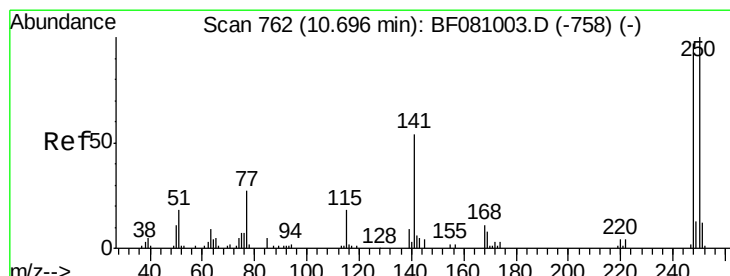
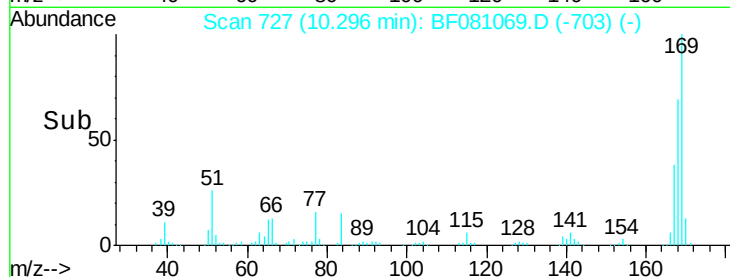
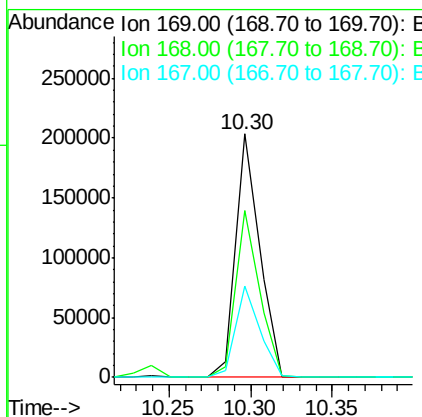
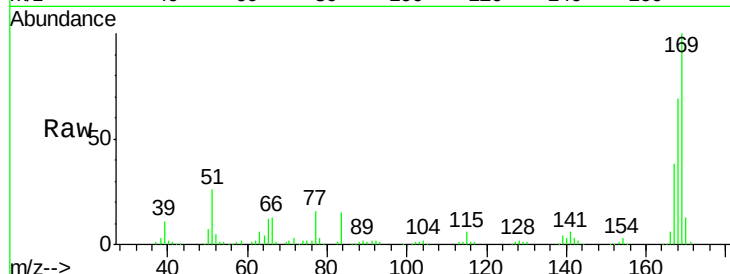
#65
 n-Nitrosodiphenylamine
 Concen: 23.99 ng
 RT: 10.30 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Manual Integrations
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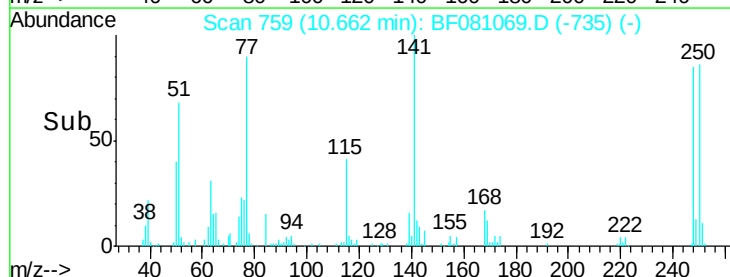
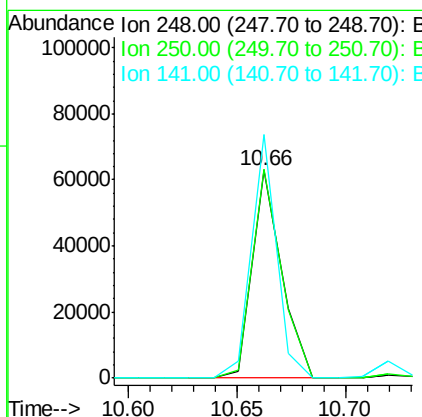
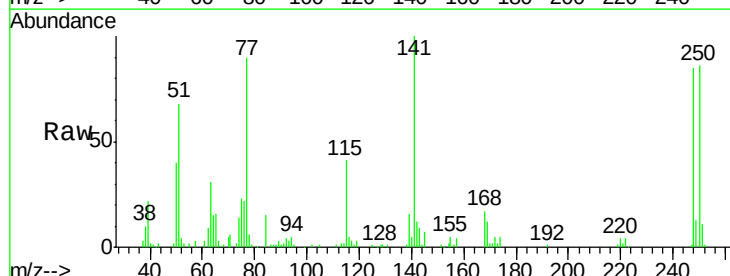
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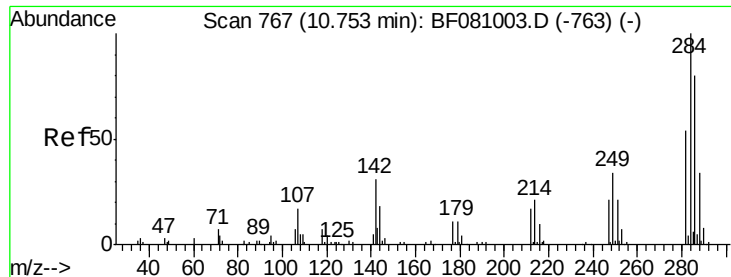
Tot Ion:	169	Resp:	205161
Ion Ratio	Lower	Upper	
169	100		
168	68.5	55.3	82.9
167	37.7	30.8	46.2



#66
 4-Bromophenyl-phenylether
 Concen: 25.07 ng
 RT: 10.66 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion:	248	Resp:	59018
Ion Ratio	Lower	Upper	
248	100		
250	101.0	77.8	116.6
141	117.4	39.8	59.6#





#67

Hexachlorobenzene

Concen: 25.19 ng

RT: 10.72 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

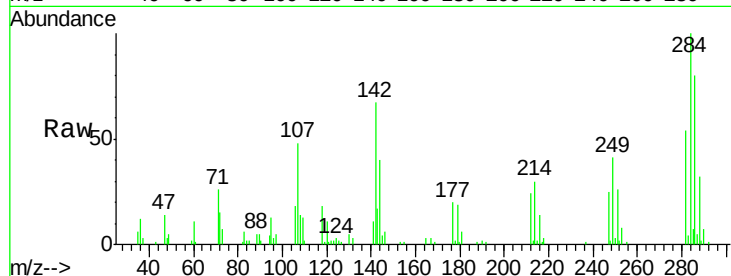
ClientSampleId :

COFF-3(0-2)-1MS

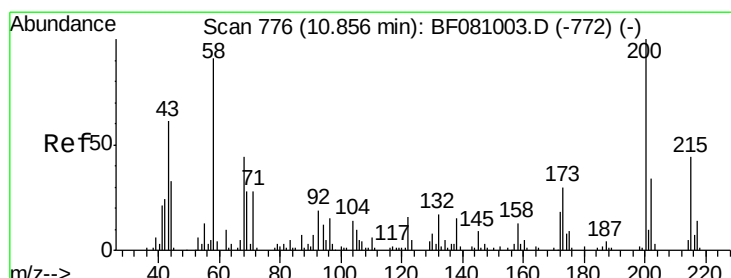
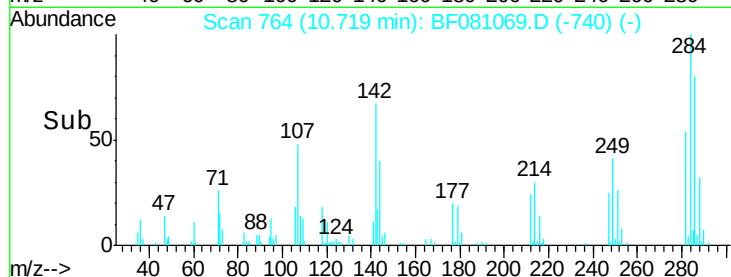
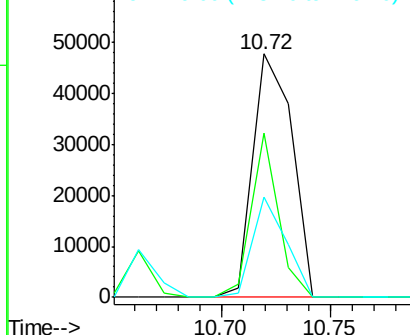
Tot Ion:	284	Resp:	60059
Ion Ratio	Lower	Upper	
284	100		
142	67.3	25.4	38.0#
249	41.3	28.5	42.7

Manual Integrations
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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: 31.70 ng

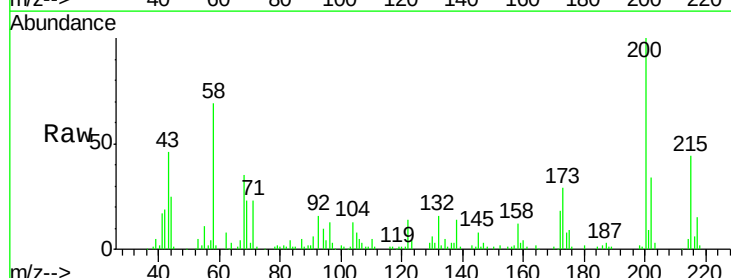
RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

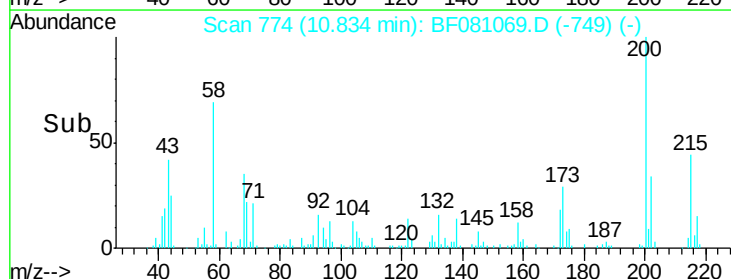
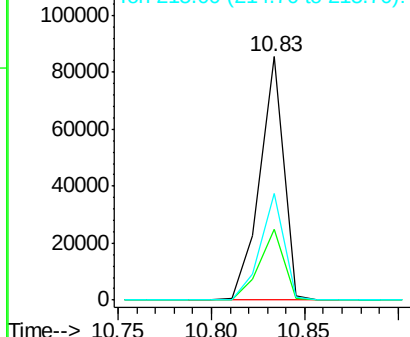
Lab File: BF081069.D

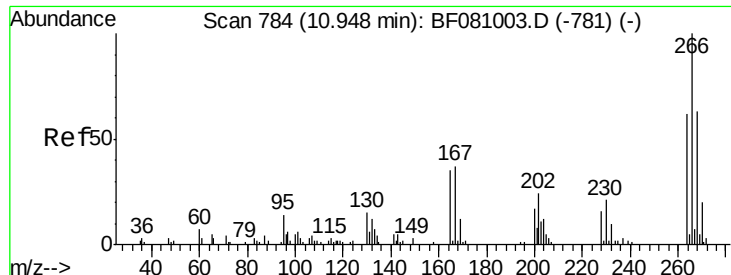
Acq: 19 Aug 2015 6:24

Tgt Ion:	200	Resp:	75536
Ion Ratio	Lower	Upper	
200	100		
173	28.9	8.1	48.1
215	43.9	23.3	63.3



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





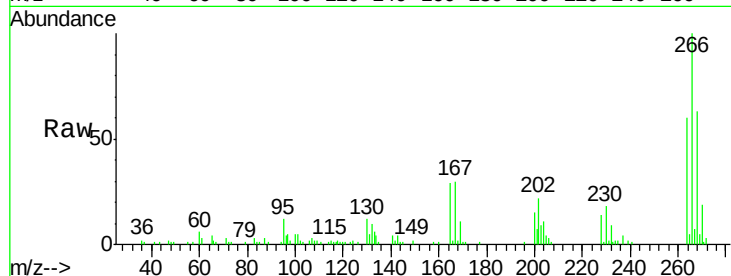
#69
 Pentachlorophenol
 Concen: 49.48 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

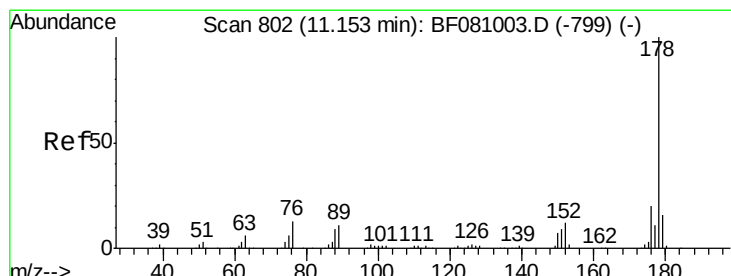
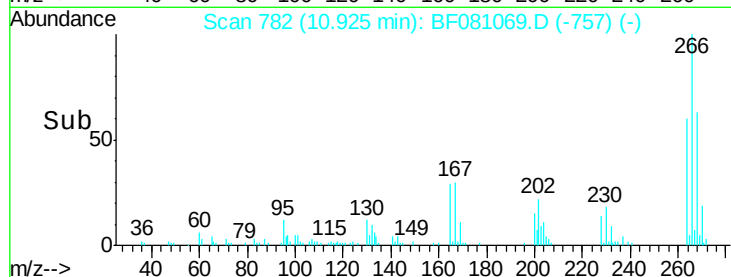
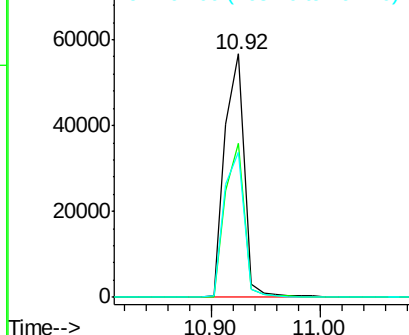
Tot Ion	Ratio	Resp	Lower	Upper
266	100	70769		
268	63.3		51.2	76.8
264	59.5		50.6	75.8

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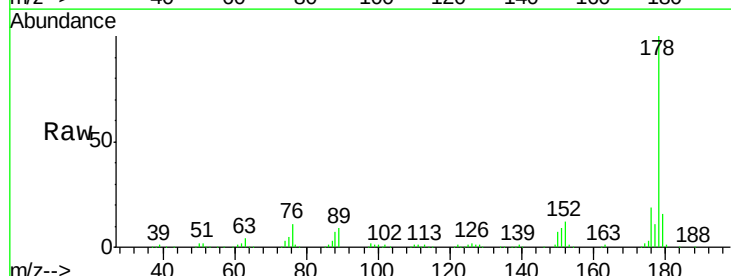


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

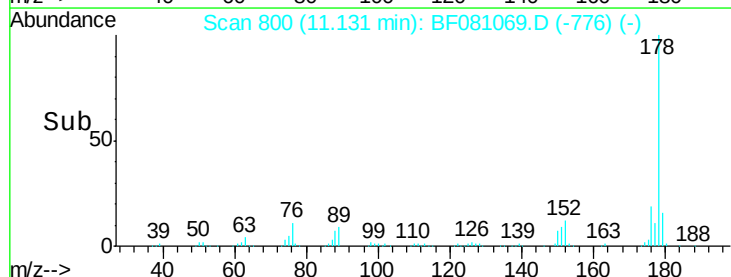
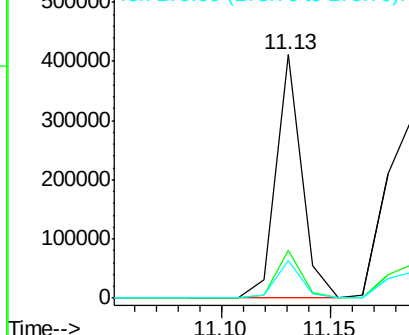


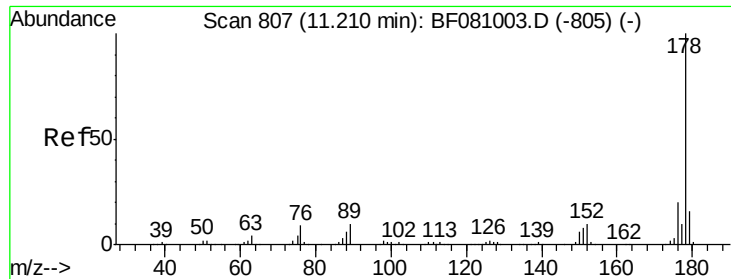
#70
 Phenanthrene
 Concen: 24.12 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	342545		
176	19.4		15.7	23.5
179	15.5		12.2	18.2



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





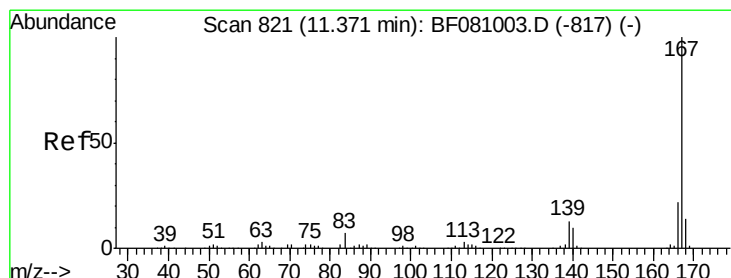
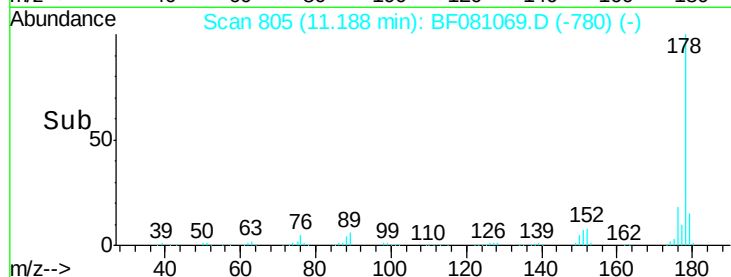
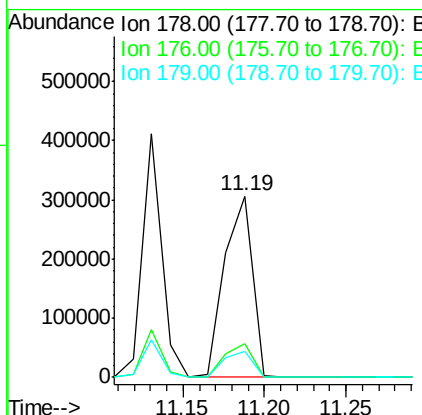
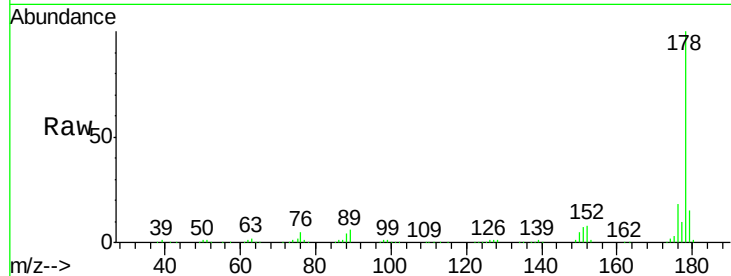
#71
 Anthracene
 Concen: 26.12 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.7	23.5
179	14.7	12.7	19.1

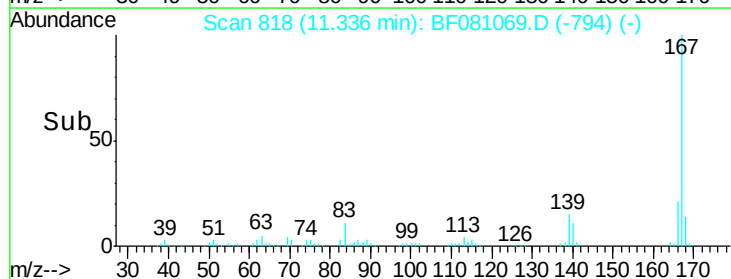
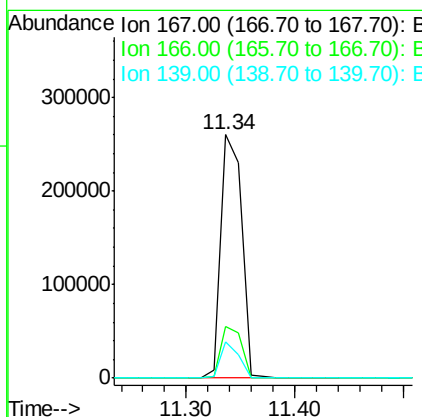
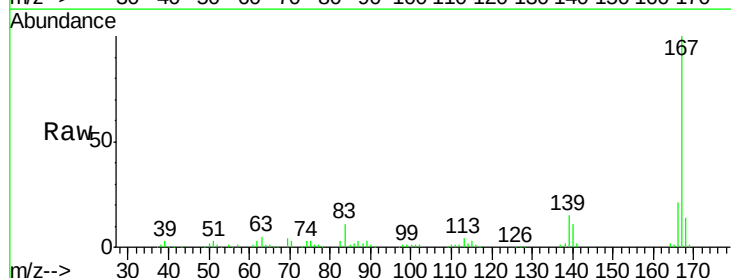
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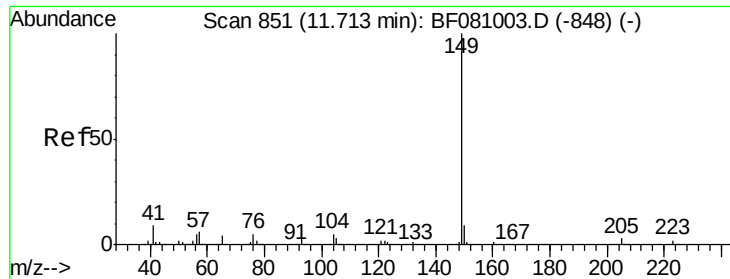
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#72
 Carbazole
 Concen: 26.07 ng
 RT: 11.34 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	14.7	10.6	16.0





#73

Di-n-butylphthalate

Concen: 31.23 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

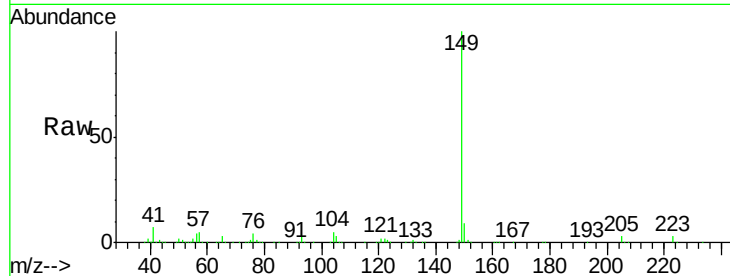
ClientSampleId :

COFF-3(0-2)-1MS

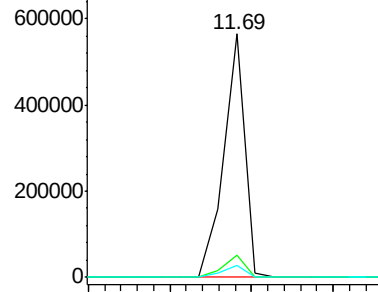
Tot Ion:	149	Resp:	502721
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	4.8	3.9	5.9

Manual Integrations
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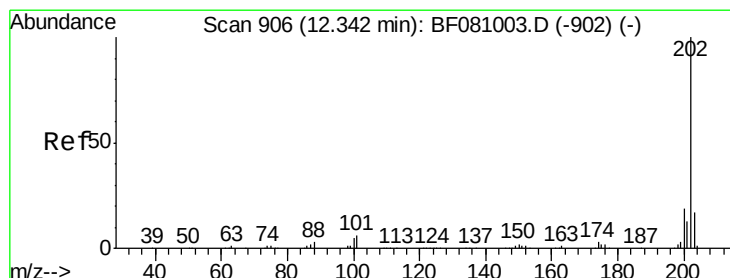
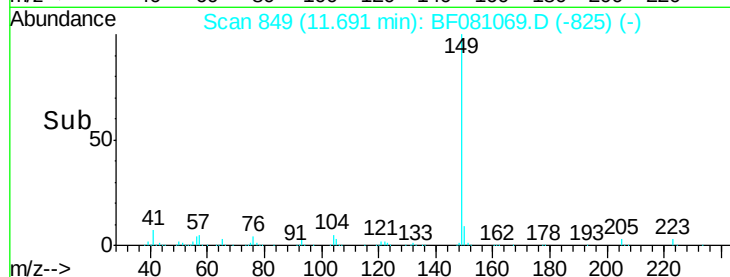
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 11.60 11.65 11.70 11.75



#74

Fluoranthene

Concen: 25.22 ng

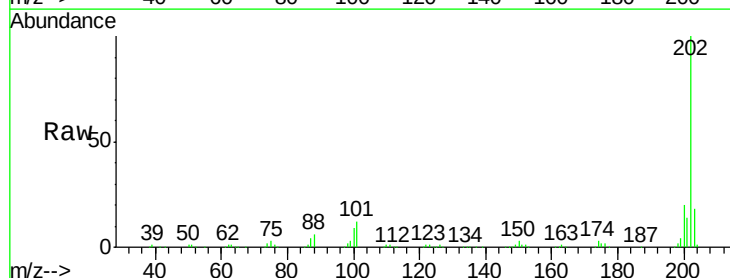
RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

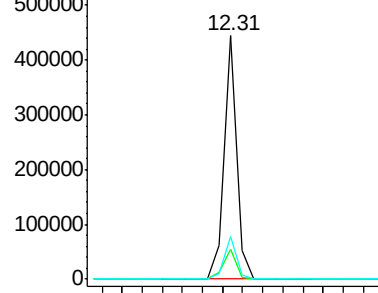
Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

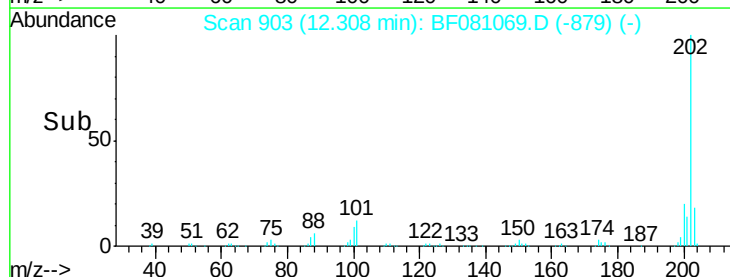
Tgt Ion:	202	Resp:	386511
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	24.8
203	17.8	0.0	36.9

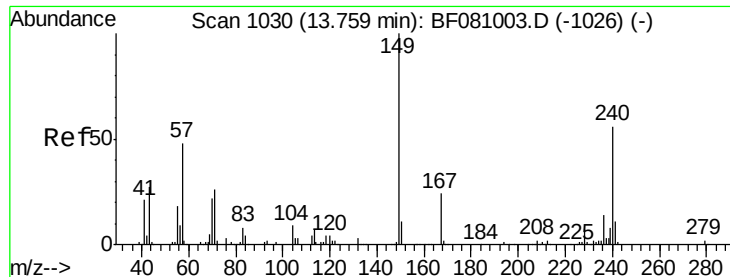


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.20 12.30 12.40





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

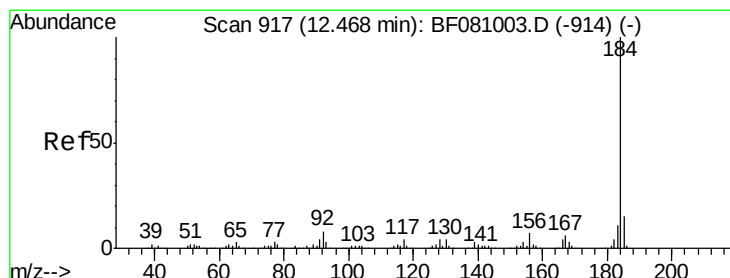
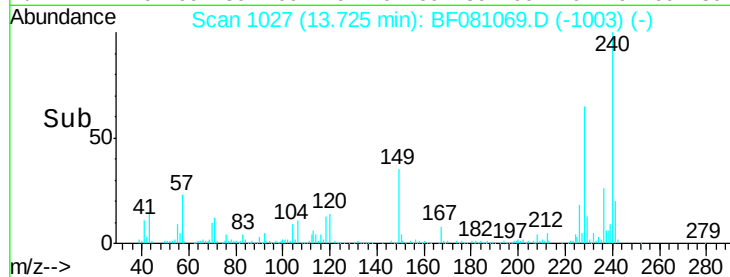
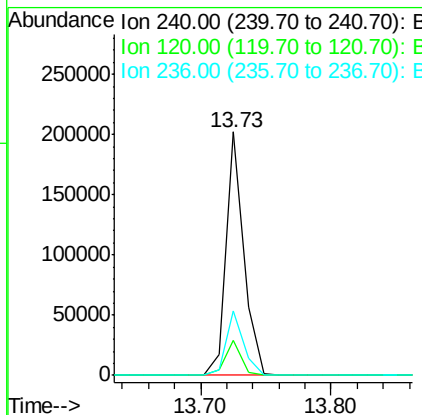
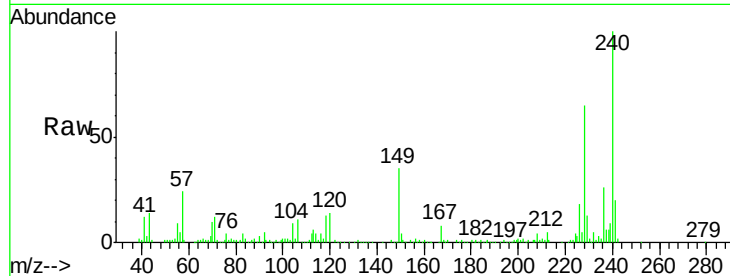
ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	191393		
120	14.3	5.6	8.4#	
236	26.3	20.6	30.8	

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#76

Benzidine

Concen: 24.92 ng

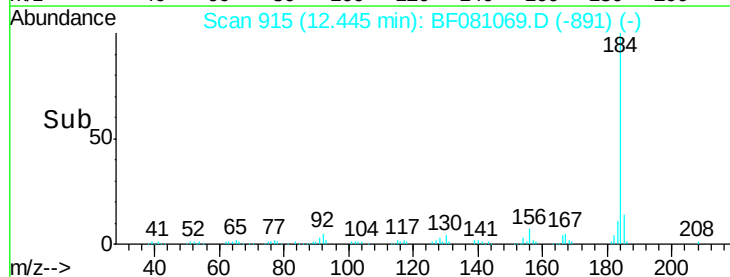
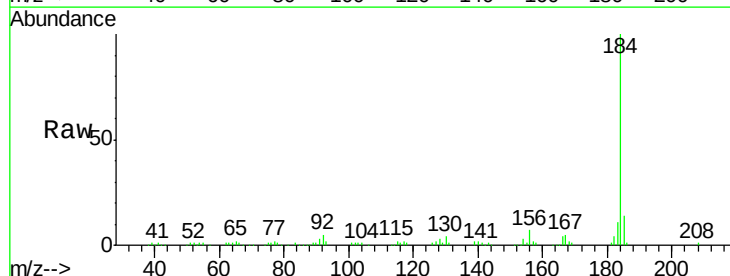
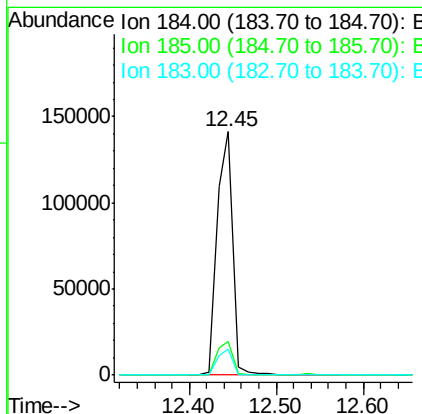
RT: 12.45 min Scan# 915

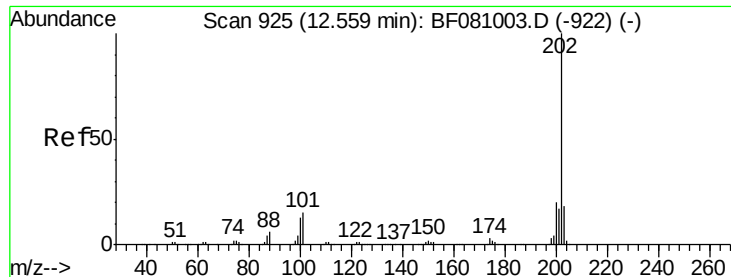
Delta R.T. -0.02 min

Lab File: BF081069.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	180200		
185	13.8	12.0	18.0	
183	10.8	8.9	13.3	





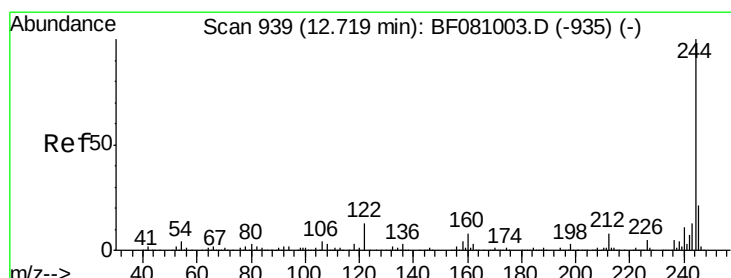
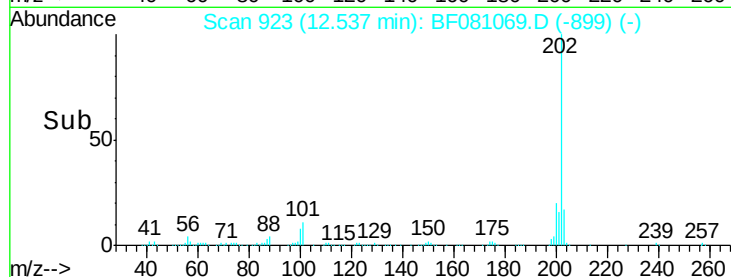
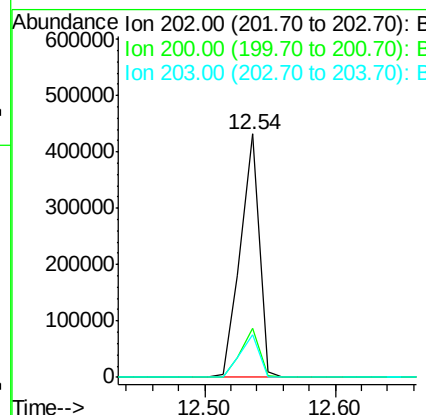
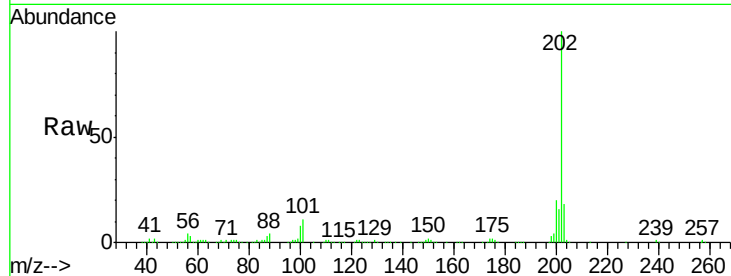
#77
Pvrene
Concen: 27.64 ng
RT: 12.54 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.5	14.1	21.1

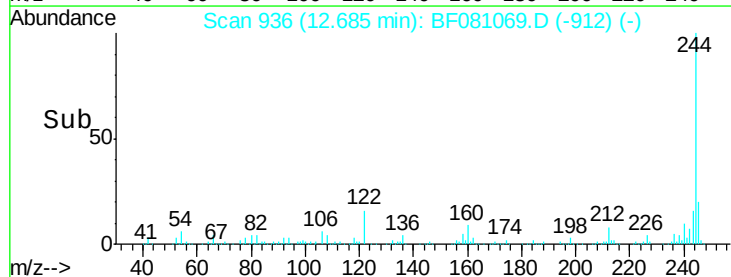
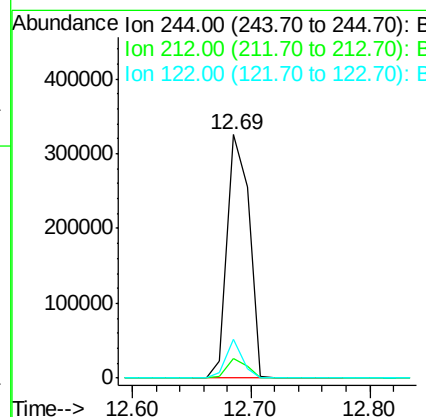
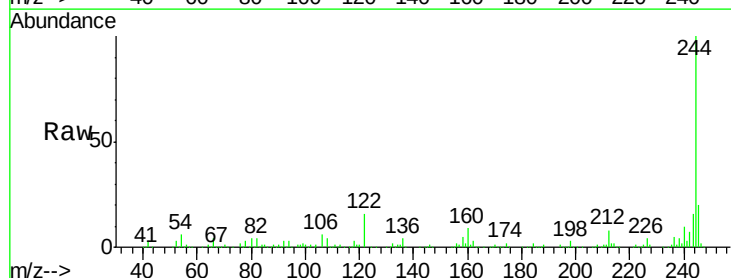
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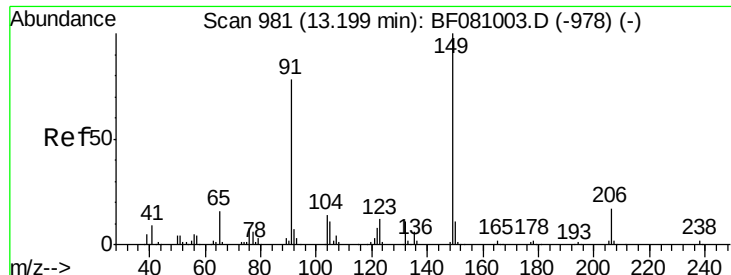
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#78
Terphenyl-d14
Concen: 46.69 ng
RT: 12.69 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	5.8	8.8
122	16.1	8.2	12.4#





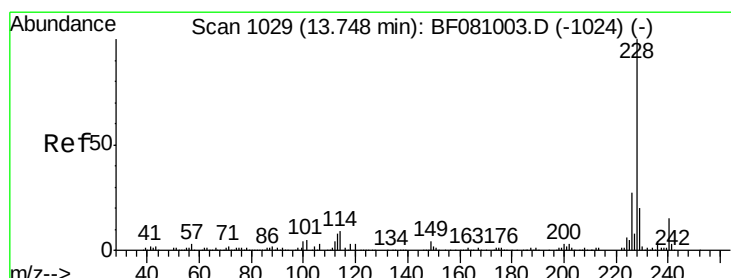
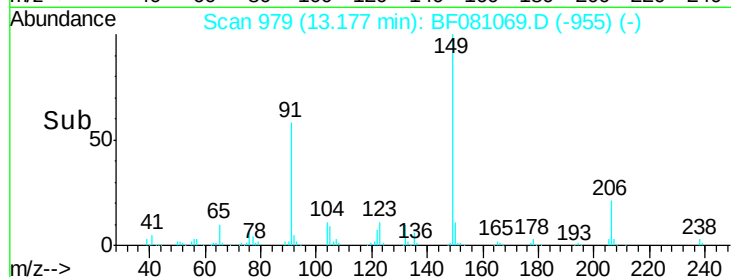
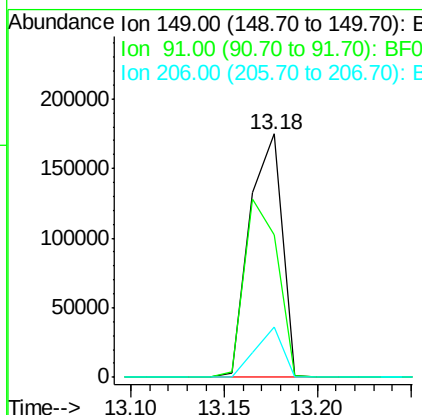
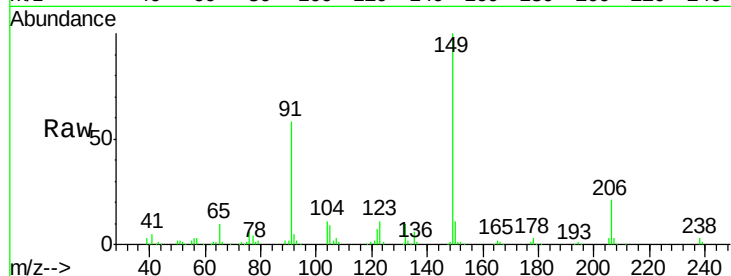
#79
Butylbenzylphthalate
Concen: 32.00 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		214011		
91	58.3	46.9	70.3		
206	20.5	17.0	25.4		

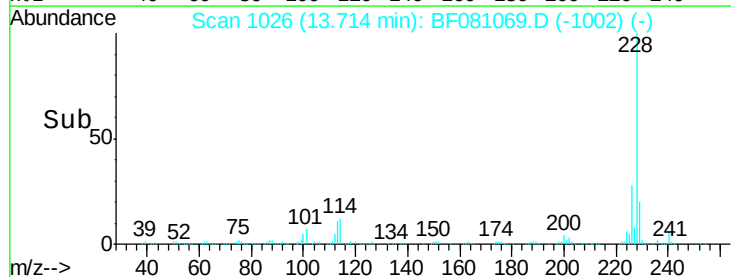
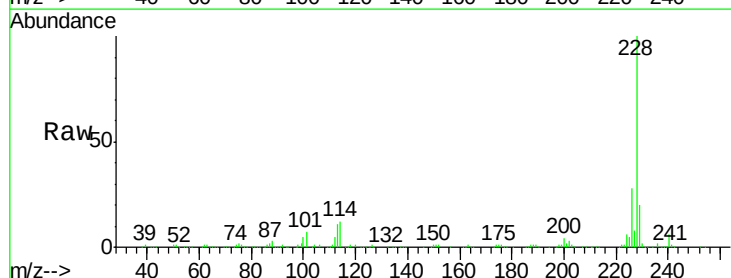
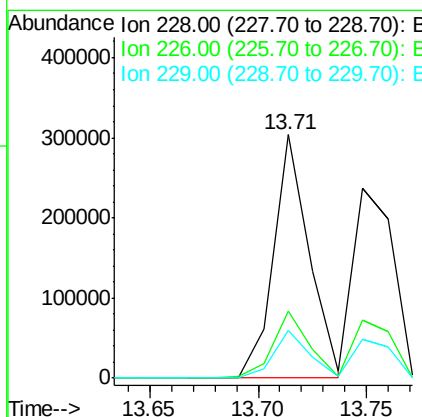
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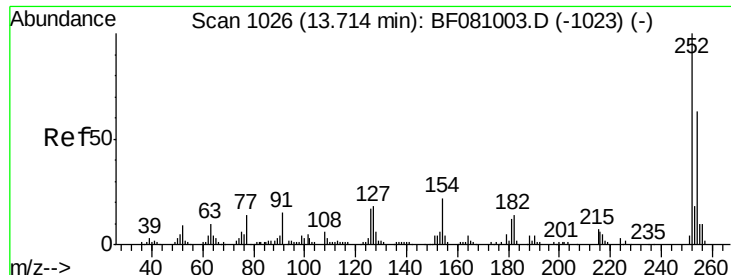
MMDadoda
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#80
Benzo(a)anthracene
Concen: 27.16 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		348646		
226	27.5	22.3	33.5		
229	19.8	15.9	23.9		





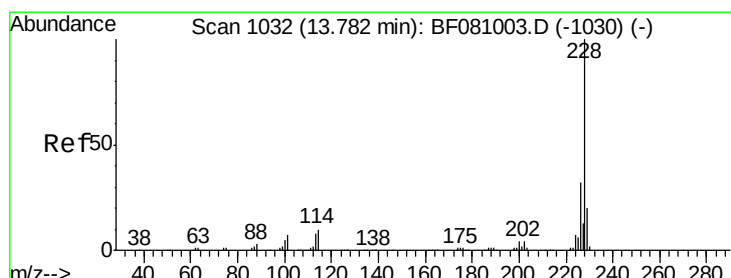
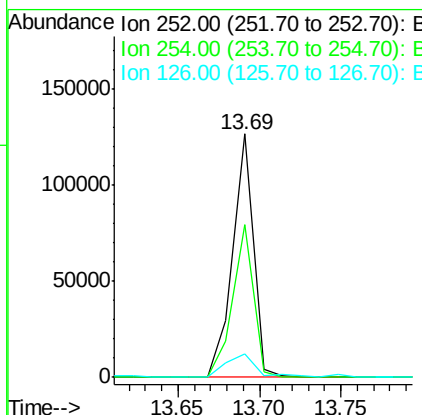
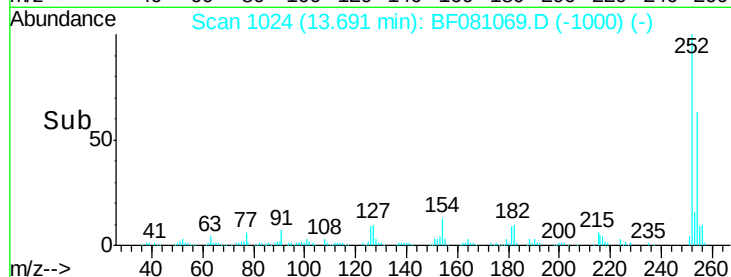
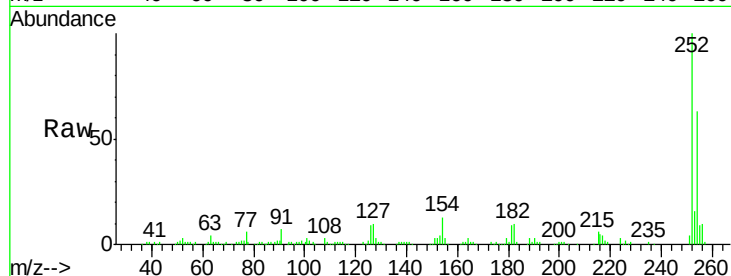
#81
 3,3'-Dichlorobenzidine
 Concen: 26.64 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.8	51.5	77.3
126	9.4	12.5	18.7

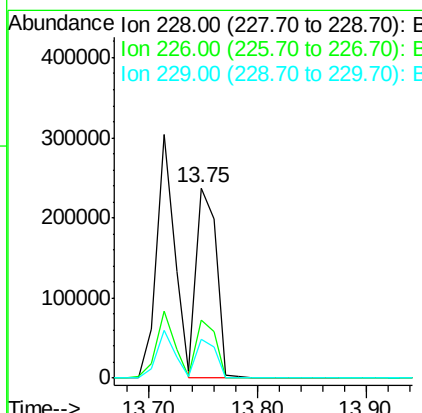
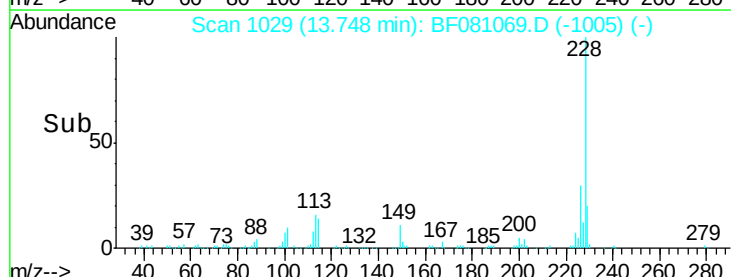
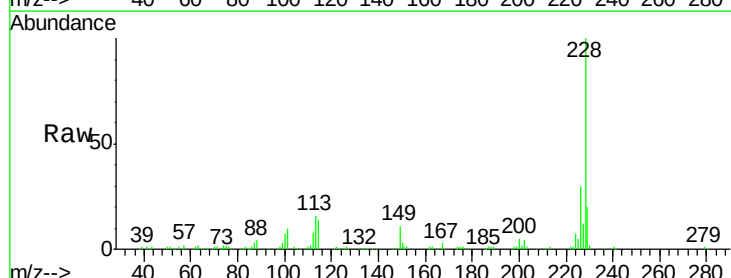
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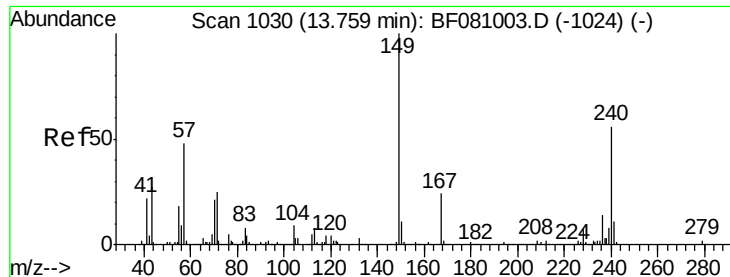
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#82
 Chrysene
 Concen: 26.41 ng
 RT: 13.75 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.3	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.50 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

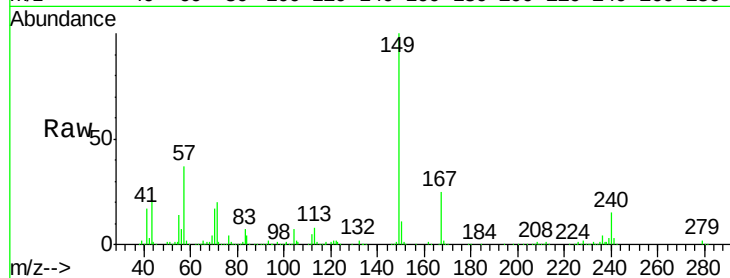
ClientSampleId :

COFF-3(0-2)-1MS

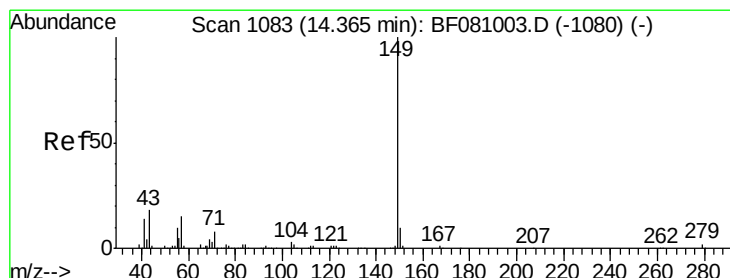
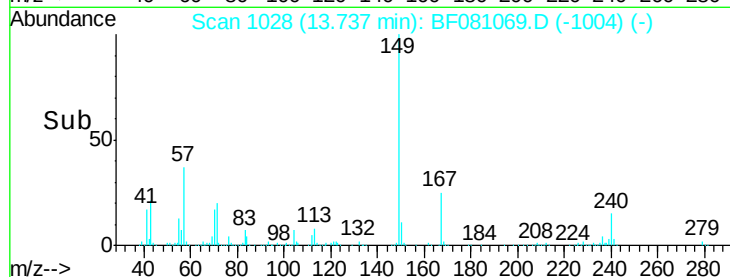
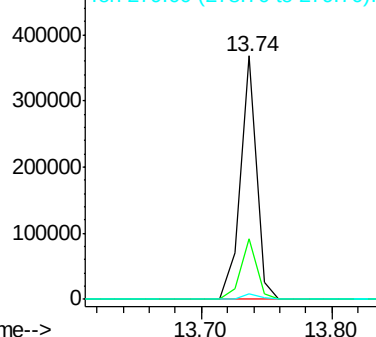
Tot Ion:	149	Resp:	321207
Ion Ratio		Lower	Upper
149	100		
167	24.9	20.7	31.1
279	2.2	2.2	3.4#

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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: 41.79 ng

RT: 14.34 min Scan# 1081

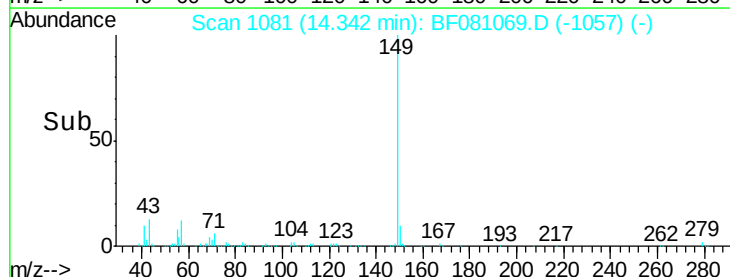
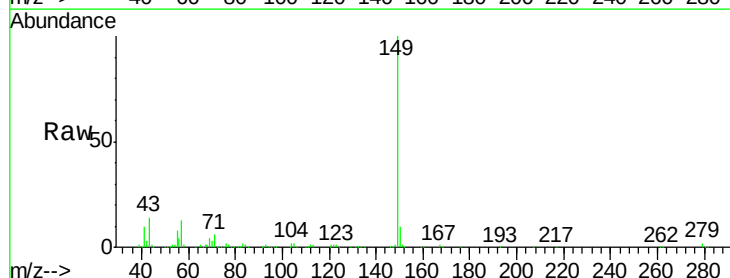
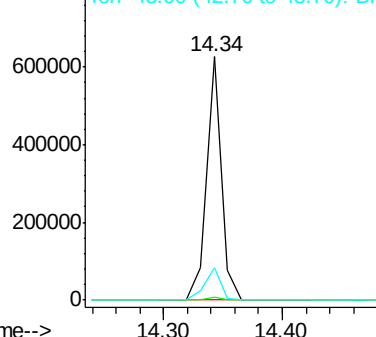
Delta R.T. -0.02 min

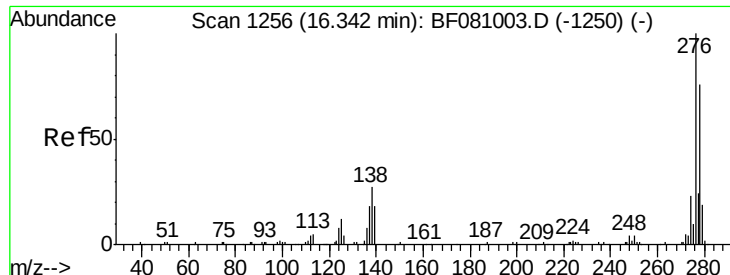
Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	149	Resp:	544082
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	14.4	11.6	17.4

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





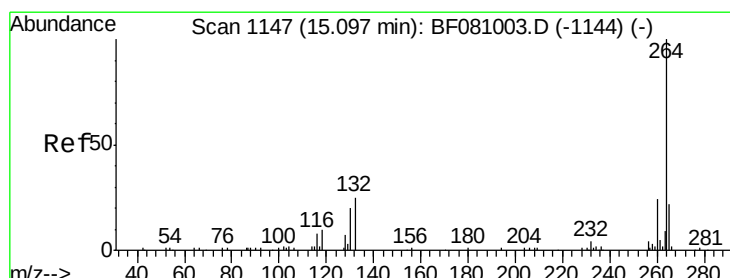
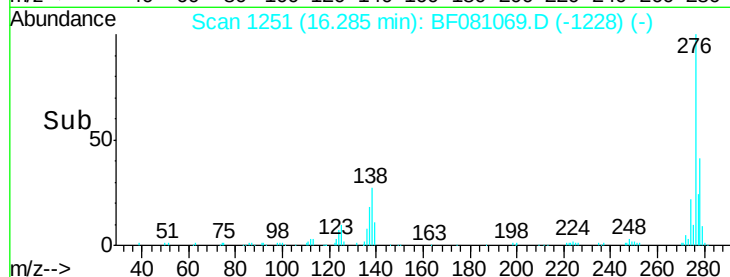
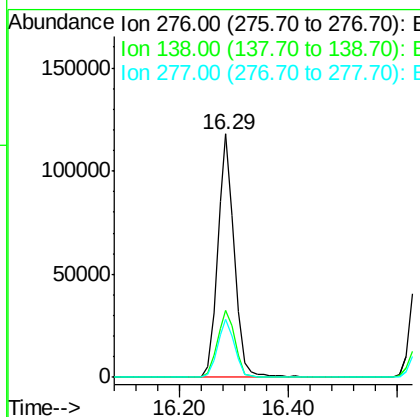
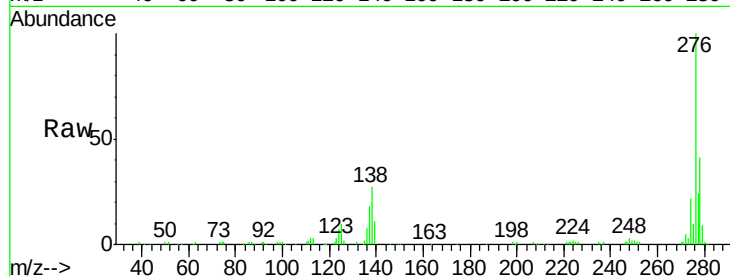
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.15 ng
 RT: 16.29 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3(0-2)-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	18.6	28.0
277	24.4	19.8	29.8

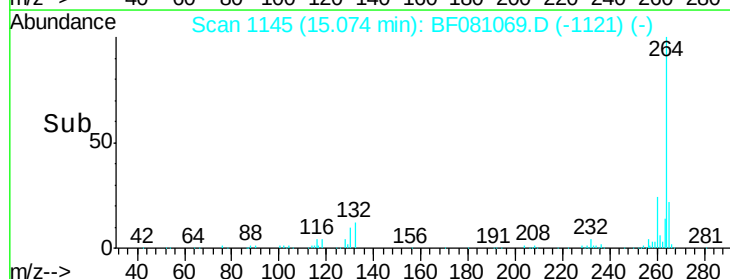
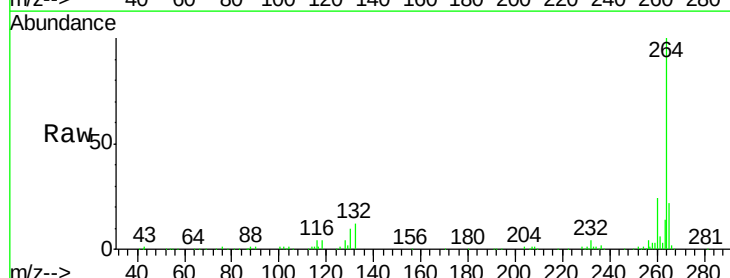
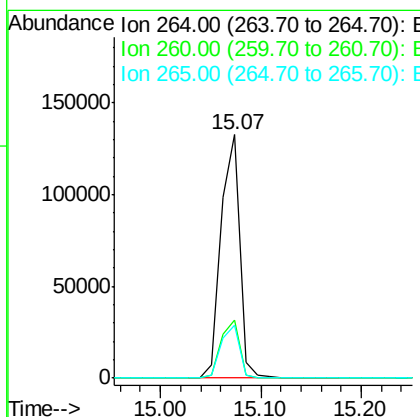
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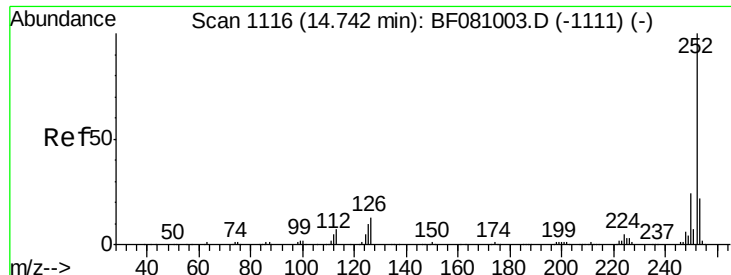
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 23.78 ng m

RT: 14.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF081069.D

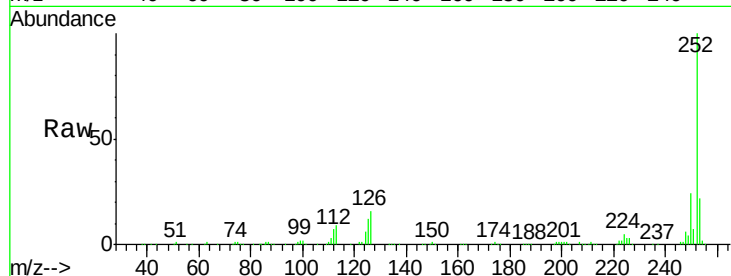
Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

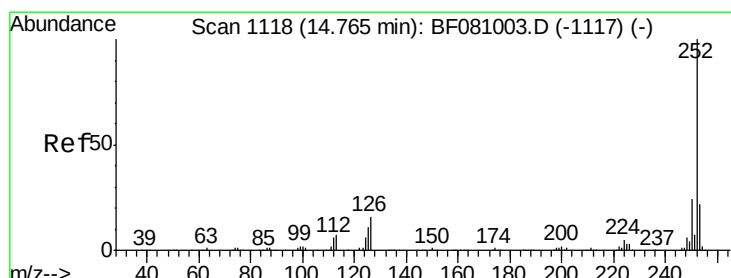
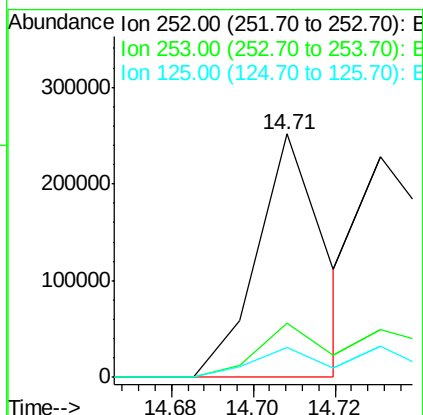
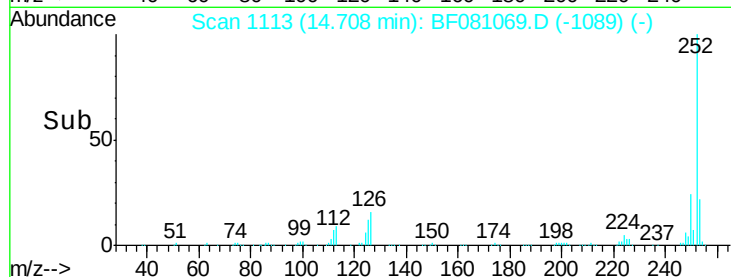
COFF-3(0-2)-1MS



Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	12.3	8.0	12.0

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#88

Benzo(k)fluoranthene

Concen: 24.46 ng m

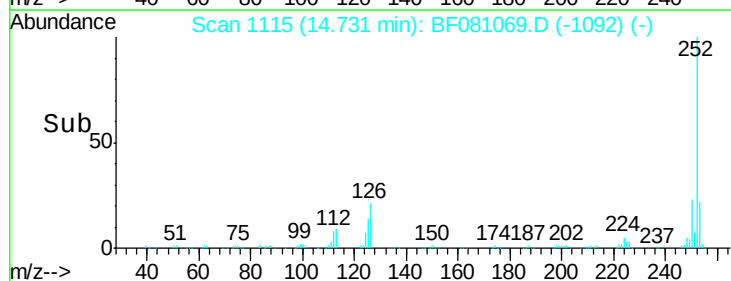
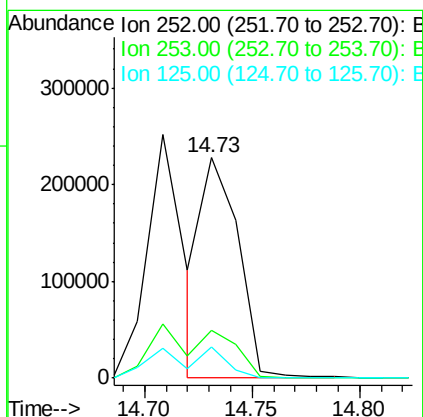
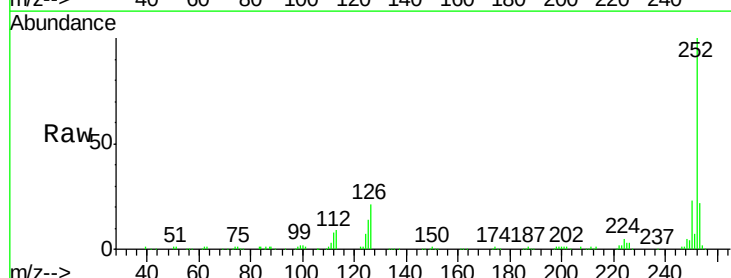
RT: 14.73 min Scan# 1115

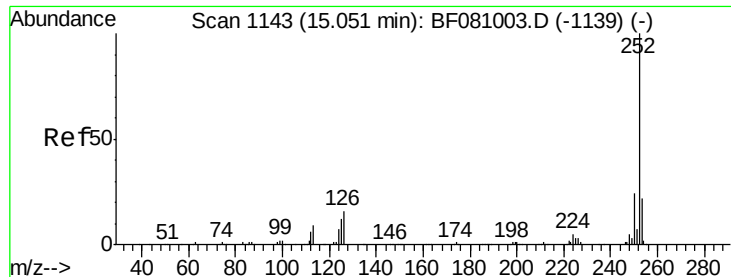
Delta R.T. -0.03 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	14.4	10.3	15.5





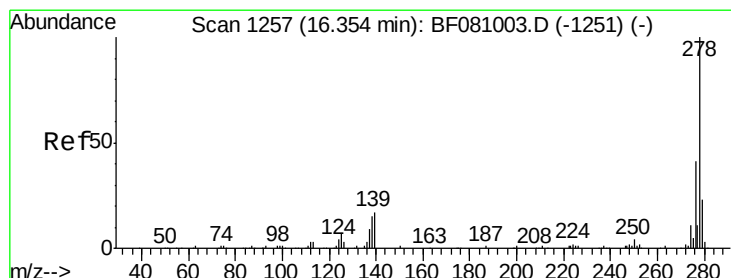
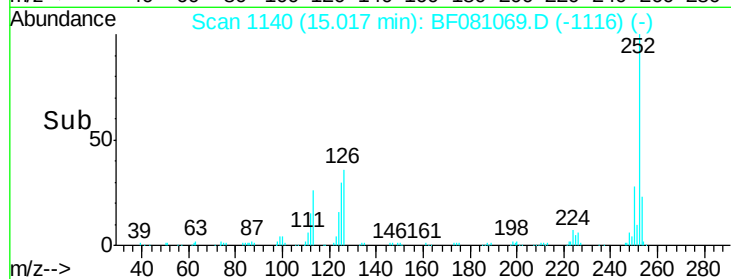
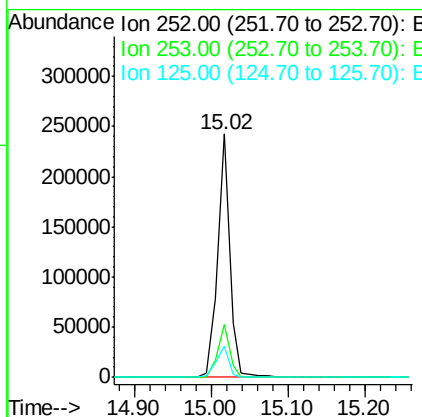
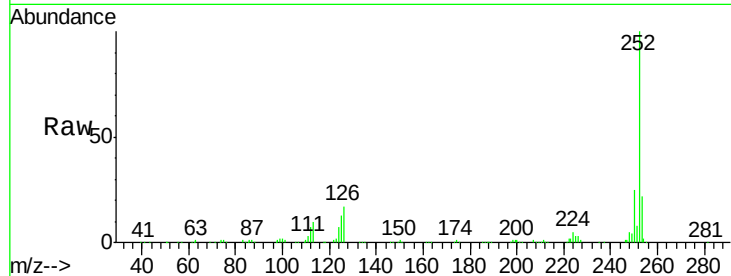
#89
Benzo(a)pyrene
Concen: 25.34 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :
COFF-3(0-2)-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	25.0
125	12.9	7.8	11.8

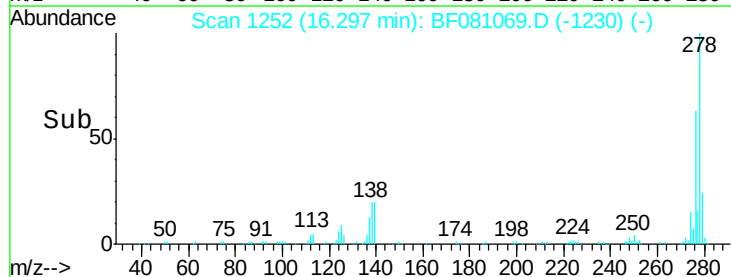
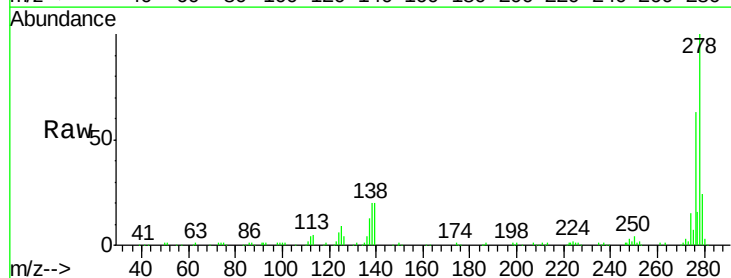
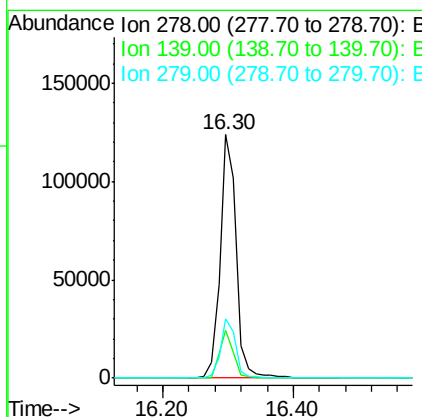
Manual Integrations
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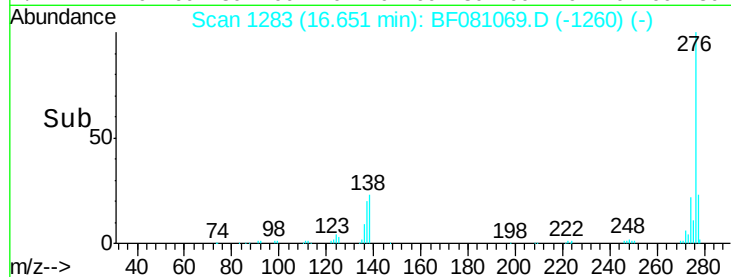
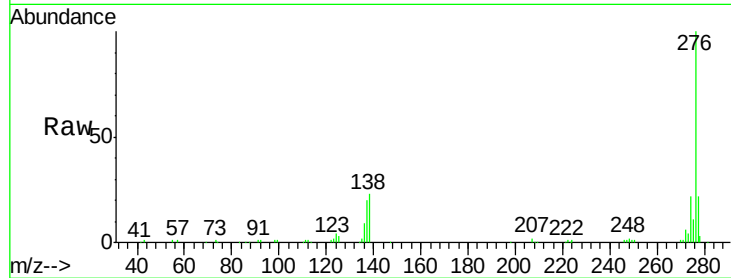
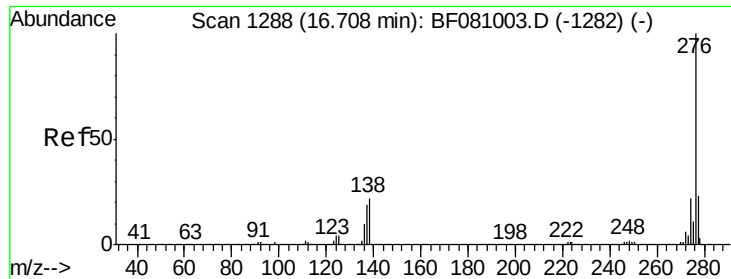
MMDadoda
8/19/2015 2:18:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 25.90 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.05 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	10.8	16.2
279	24.2	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 24.29 ng

RT: 16.65 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

COFF-3(0-2)-1MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.5	18.2	27.2
138	23.2	13.7	20.5

Manual Integrations
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