

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081081.D
 Acq On : 19 Aug 2015 12:44
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 8/19/2015 2:19:19 PM

Quant Time: Aug 19 13:43:46 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	58156	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	245906	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	116409	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	228270	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	131534	20.00	ng	-0.02
86) Perylene-d12	15.07	264	130514	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	283099	73.22	ng	-0.02
7) Phenol-d6	6.25	99	405910	80.46	ng	-0.01
23) Nitrobenzene-d5	7.18	82	411112	76.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	71100	70.46	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	598788	67.40	ng	-0.02
78) Terphenyl-d14	12.70	244	679254	110.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	30667m	16.83	ng	
3) Pyridine	2.63	79	218442	42.48	ng	89
4) n-Nitrosodimethylamine	2.59	42	113479	39.63	ng	# 75
6) Aniline	6.27	93	292686	39.90	ng	# 69
8) 2-Chlorophenol	6.39	128	175265	41.41	ng	97
9) Benzaldehyde	6.15	77	134065	41.22	ng	94
10) Phenol	6.27	94	230091	38.62	ng	97
11) bis(2-Chloroethyl)ether	6.35	93	191359	41.86	ng	96
12) 1,3-Dichlorobenzene	6.55	146	187648	41.26	ng	98
13) 1,4-Dichlorobenzene	6.63	146	193493	42.97	ng	98
14) 1,2-Dichlorobenzene	6.78	146	160816	38.16	ng	97
15) Benzyl Alcohol	6.76	79	177943	43.60	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	351742	39.15	ng	100
17) 2-Methylphenol	6.88	107	138617	38.17	ng	94
18) Hexachloroethane	7.12	117	74092	40.72	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	139445	39.90	ng	90
20) 3+4-Methylphenols	7.04	107	179625	38.97	ng	# 51
22) Acetophenone	7.03	105	233848	36.22	ng	# 90
24) Nitrobenzene	7.20	77	221434	39.34	ng	97
25) Isophorone	7.44	82	390661	38.92	ng	98
26) 2-Nitrophenol	7.52	139	99194	42.38	ng	# 65
27) 2,4-Dimethylphenol	7.56	122	145058	35.03	ng	96
28) bis(2-Chloroethoxy)methane	7.67	93	221952	37.43	ng	# 98
29) 2,4-Dichlorophenol	7.76	162	135682	38.92	ng	89
30) 1,2,4-Trichlorobenzene	7.84	180	144240	37.23	ng	97
31) Naphthalene	7.92	128	555822	40.55	ng	99
32) Benzoic acid	7.69	122	89848	38.57	ng	94
33) 4-Chloroaniline	7.98	127	239792	41.46	ng	# 85
34) Hexachlorobutadiene	8.04	225	86772	39.60	ng	97
35) Caprolactam	8.35	113	48022	39.41	ng	# 90
36) 4-Chloro-3-methylphenol	8.46	107	168084	40.45	ng	94
37) 2-Methylnaphthalene	8.60	142	320622	37.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	148852	39.63	ng	99
40) Hexachlorocyclopentadiene	8.76	237	47879	24.63	ng	98

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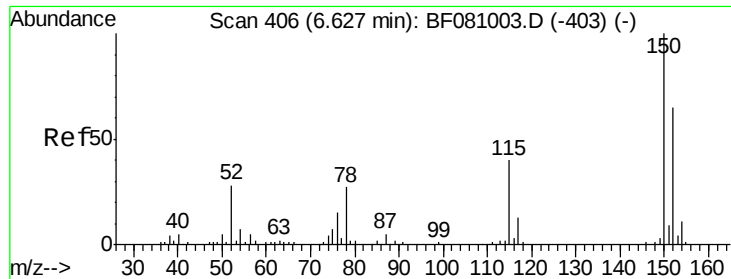
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	106772	40.24	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	105037	39.61	nq	# 88
45) 1,1'-Biphenyl	9.07	154	432522	42.18	nq	98
46) 2-Chloronaphthalene	9.10	162	318184	38.63	nq	99
47) 2-Nitroaniline	9.19	65	117250	34.78	nq	98
48) Acenaphthylene	9.51	152	526241	35.71	nq	100
49) Dimethylphthalate	9.38	163	366221	38.20	nq	100
50) 2,6-Dinitrotoluene	9.44	165	82125	39.90	nq	# 85
51) Acenaphthene	9.68	154	332960	37.74	nq	99
52) 3-Nitroaniline	9.60	138	90876	35.28	nq	96
53) 2,4-Dinitrophenol	9.70	184	19881	22.22	nq	97
54) Dibenzofuran	9.84	168	413794	35.00	nq	92
55) 4-Nitrophenol	9.77	139	72753	40.22	nq	# 70
56) 2,4-Dinitrotoluene	9.84	165	118437	43.41	nq	92
57) Fluorene	10.18	166	317768	34.94	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	82379m	40.14	nq	
59) Diethylphthalate	10.08	149	421845	41.57	nq	95
60) 4-Chlorophenyl-phenylether	10.18	204	148514	38.59	nq	98
61) 4-Nitroaniline	10.22	138	112193	42.62	nq	83
62) Azobenzene	10.34	77	487690	41.71	nq	95
64) 4,6-Dinitro-2-methylphenol	10.24	198	34471	25.29	nq	86
65) n-Nitrosodiphenylamine	10.31	169	336446	41.29	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	92546	41.27	nq	97
67) Hexachlorobenzene	10.73	284	96068	42.30	nq	92
68) Atrazine	10.83	200	81199	35.77	nq	99
69) Pentachlorophenol	10.92	266	45628	33.49	nq	97
70) Phenanthrene	11.13	178	479090	35.41	nq	99
71) Anthracene	11.19	178	546777	41.53	nq	99
72) Carbazole	11.35	167	541020	42.69	nq	99
73) Di-n-butylphthalate	11.69	149	680305	44.36	nq	99
74) Fluoranthene	12.31	202	483767	33.14	nq	91
76) Benzidine	12.45	184	269736	54.29	nq	99
77) Pyrene	12.54	202	520554	48.68	nq	99
79) Butylbenzylphthalate	13.18	149	276147	60.08	nq	91
80) Benzo(a)anthracene	13.71	228	362766	41.12	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	126749	44.36	nq	# 97
82) Chrysene	13.76	228	346927	43.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	358307	60.86	nq	# 100
84) Di-n-octyl phthalate	14.34	149	529681	59.19	nq	100
85) Indeno(1,2,3-cd)pyrene	16.30	276	350617	62.82	nq	# 94
87) Benzo(b)fluoranthene	14.71	252	421399m	45.65	nq	
88) Benzo(k)fluoranthene	14.74	252	213997m	24.88	nq	
89) Benzo(a)pyrene	15.02	252	294449	36.60	nq	# 94
90) Dibenzo(a,h)anthracene	16.31	278	292044	46.59	nq	# 94
91) Benzo(g,h,i)perylene	16.66	276	277835	43.69	nq	# 94

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



#1

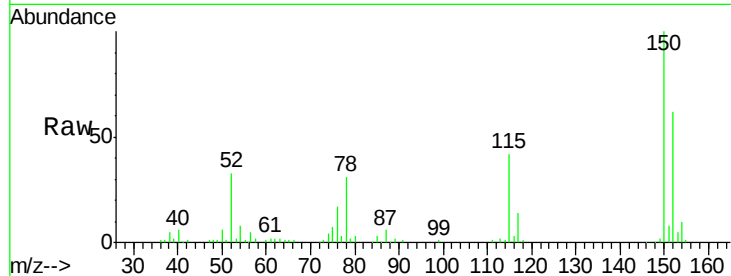
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

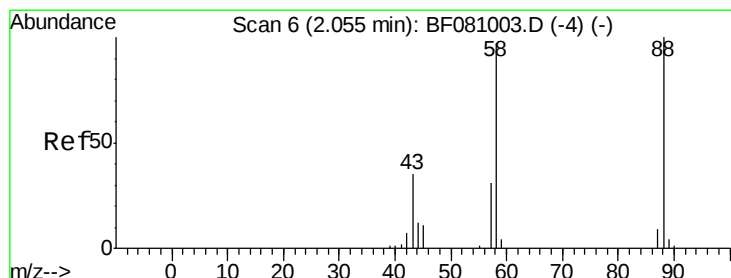
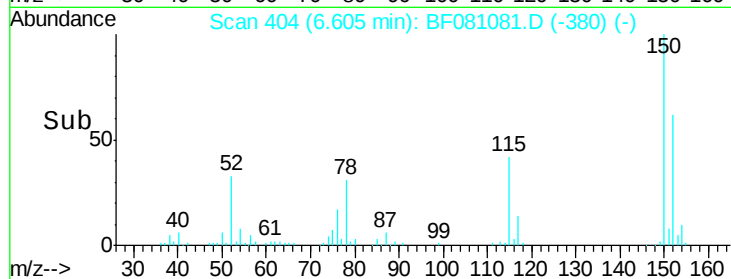
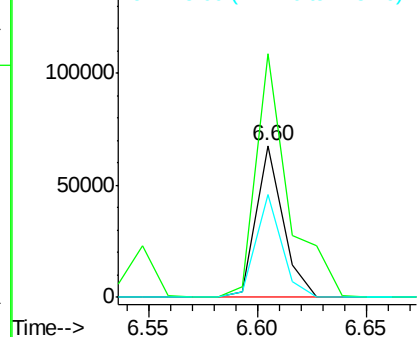
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.8	185.6
115	68.0	52.1	78.1

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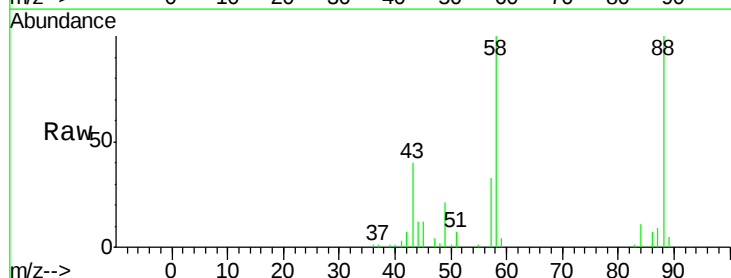
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



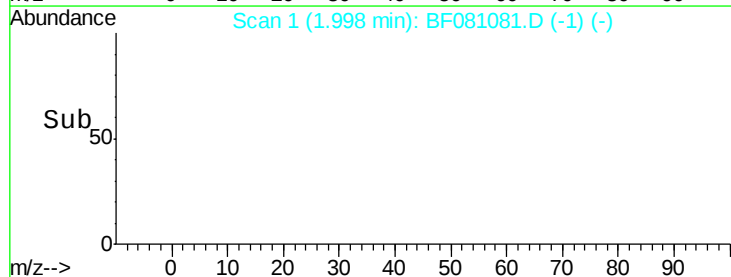
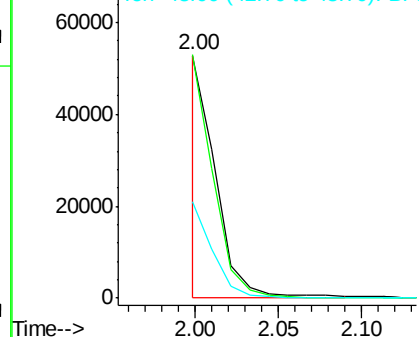
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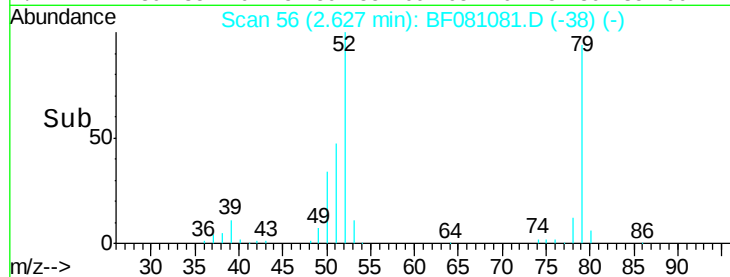
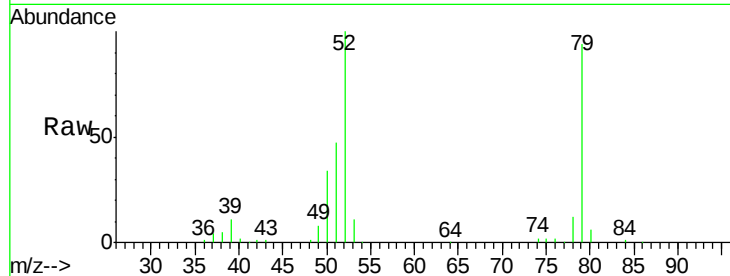
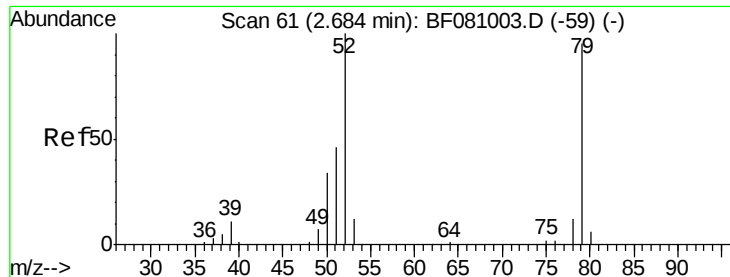
1,4-Dioxane
Concen: 16.83 ng m
RT: 2.00 min Scan# 1
Delta R.T. -0.06 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	83.7	125.5#
43	0.0	37.5	56.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





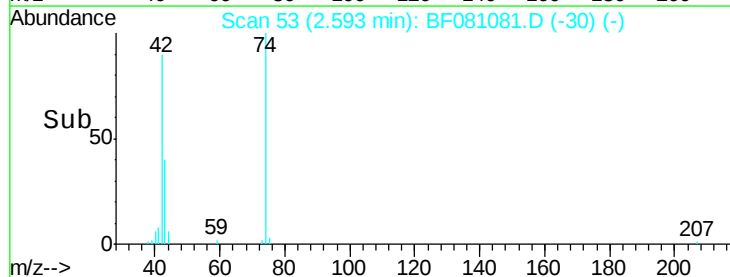
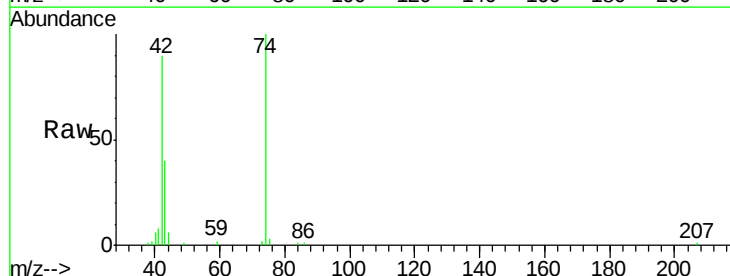
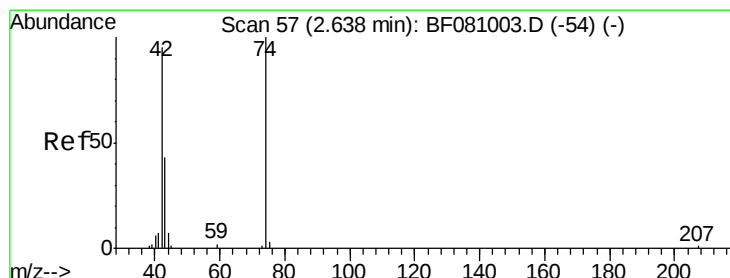
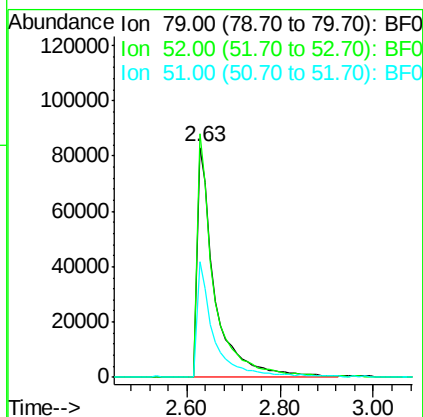
#3
 Pvridine
 Concen: 42.48 ng
 RT: 2.63 min Scan# 56
 Delta R.T. -0.09 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		218442		
52	106.1	95.1	142.7		
51	50.4	46.6	70.0		

Instrument :
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 SSTDCCC040EC

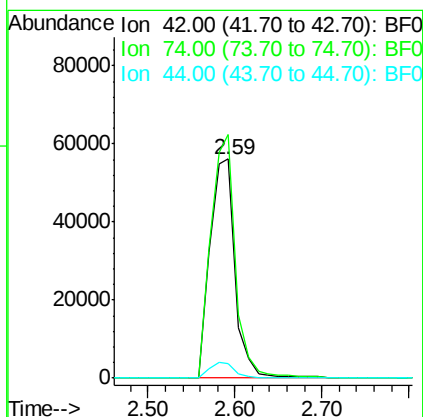
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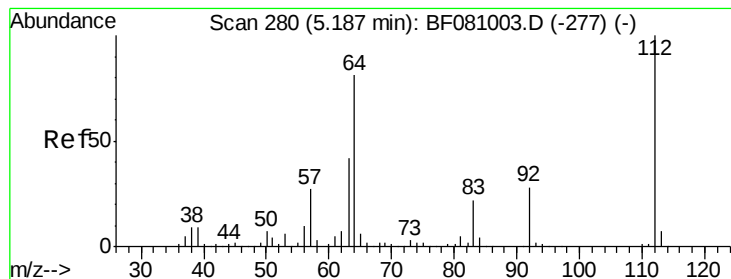
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#4
 n-Nitrosodimethylamine
 Concen: 39.63 ng
 RT: 2.59 min Scan# 53
 Delta R.T. -0.03 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		113479		
74	111.2	69.3	103.9#		
44	6.8	5.5	8.3		





#5

2-Fluorophenol

Concen: 73.22 ng

RT: 5.16 min Scan# 278

Delta R.T. -0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

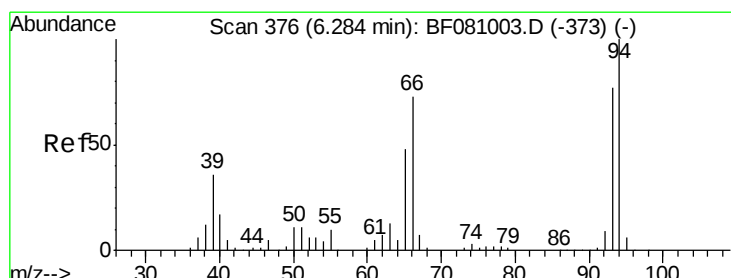
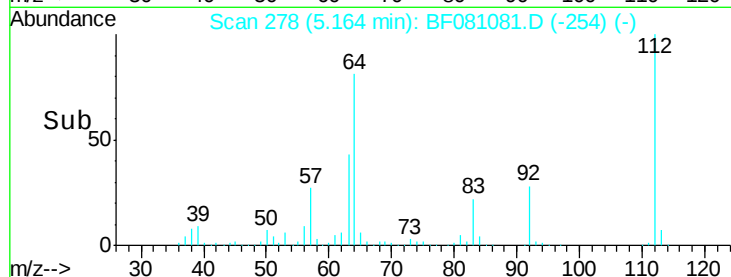
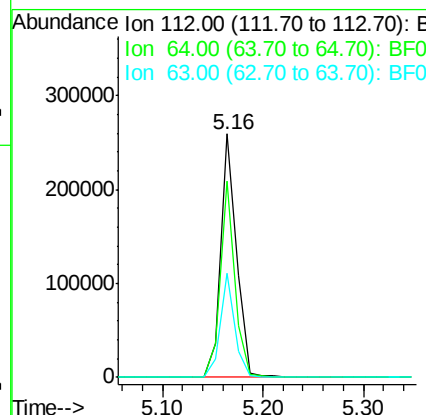
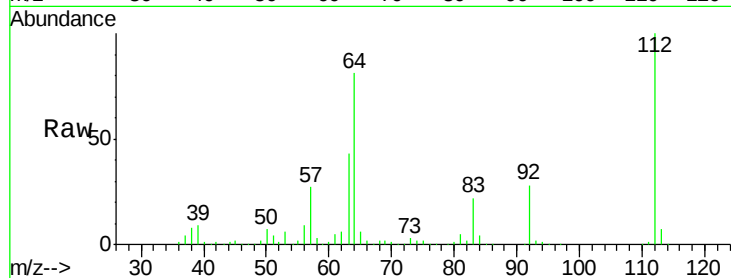
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	283099
Ion Ratio	Lower	Upper	
112	100		
64	80.5	66.9	100.3
63	42.6	38.1	57.1

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#6

Aniline

Concen: 39.90 ng

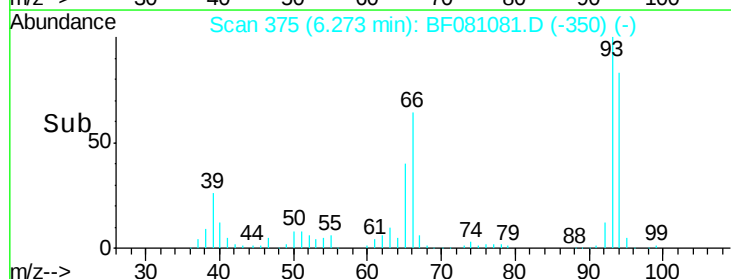
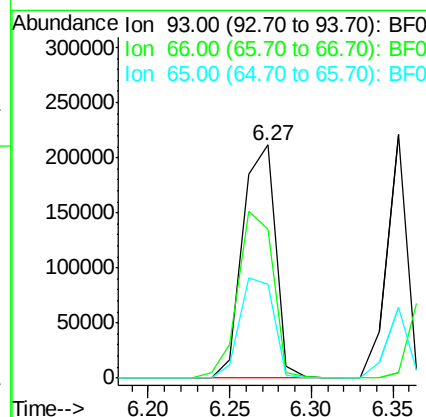
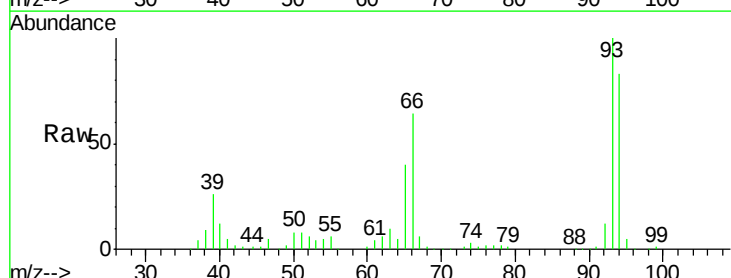
RT: 6.27 min Scan# 375

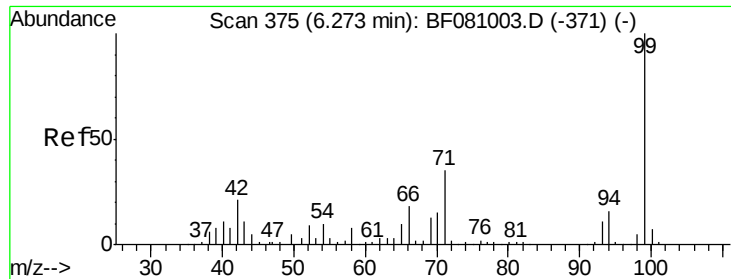
Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion:	93	Resp:	292686
Ion Ratio	Lower	Upper	
93	100		
66	63.8	35.6	53.4#
65	40.1	18.7	28.1#





#7

Phenol-d6

Concen: 80.46 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

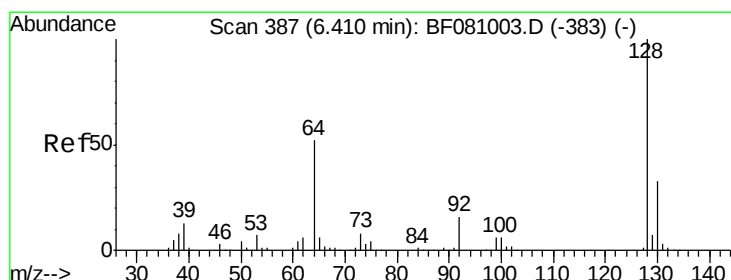
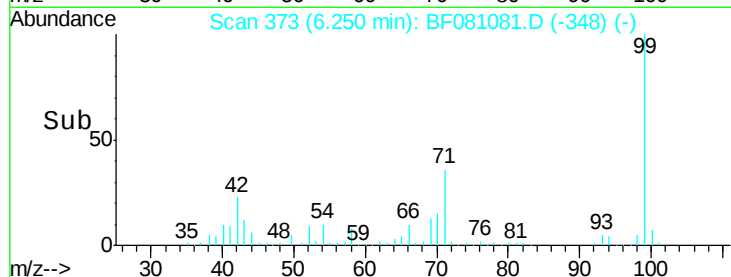
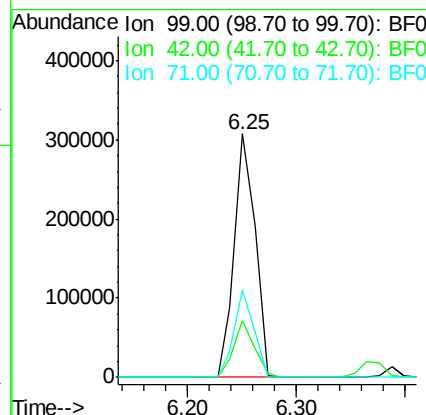
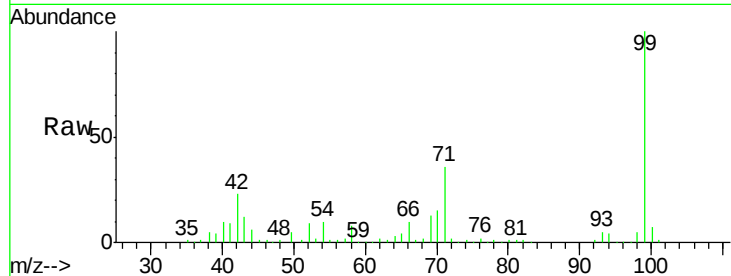
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SSTDCCC040EC

Tot Ion:	99	Resp:	405910
Ion Ratio		Lower	Upper
99	100		
42	23.1	19.6	29.4
71	36.1	31.2	46.8

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#8

2-Chlorophenol

Concen: 41.41 ng

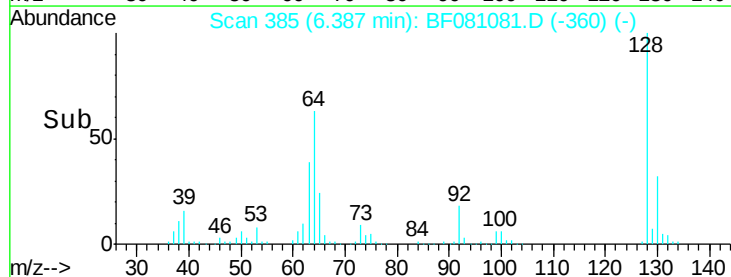
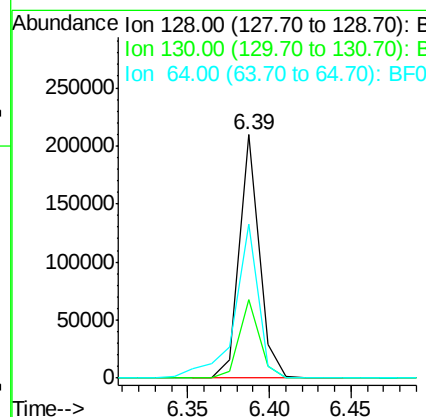
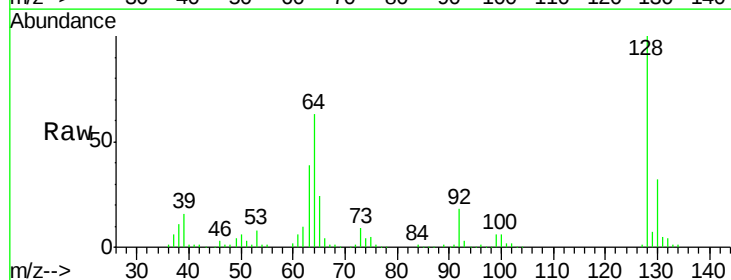
RT: 6.39 min Scan# 385

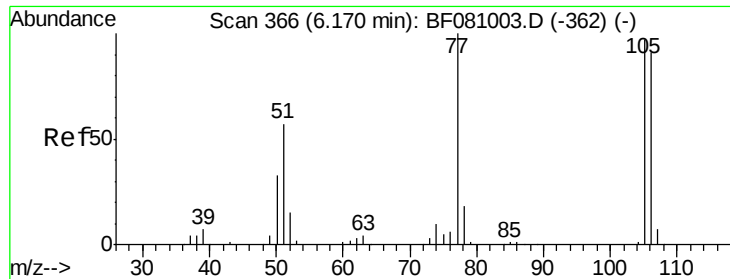
Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion:	128	Resp:	175265
Ion Ratio		Lower	Upper
128	100		
130	32.4	12.5	52.5
64	63.5	46.8	86.8





#9

Benzaldehyde

Concen: 41.22 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081081.D

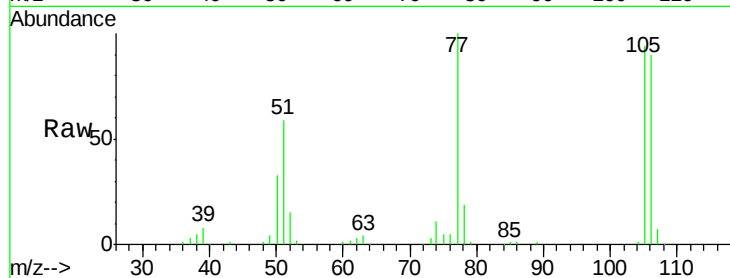
Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

ClientSampleId :

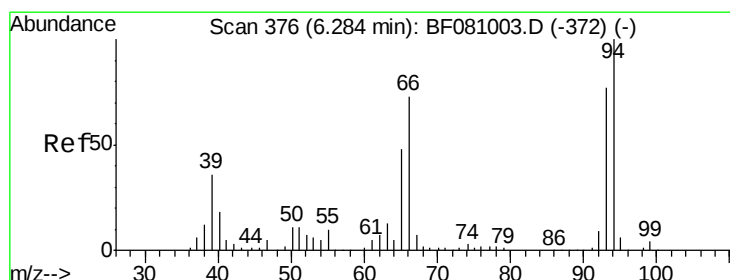
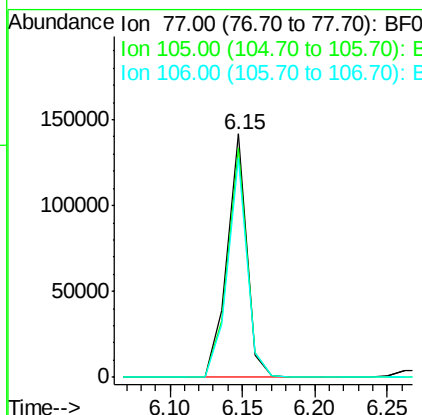
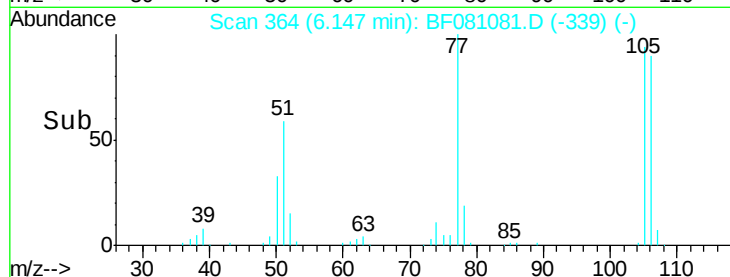
SSTDCCC040EC



Tot Ion:	77	Resp:	134065
Ion Ratio	Lower	Upper	
77	100		
105	94.4	69.6	109.6
106	90.0	64.0	104.0

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#10

Phenol

Concen: 38.62 ng

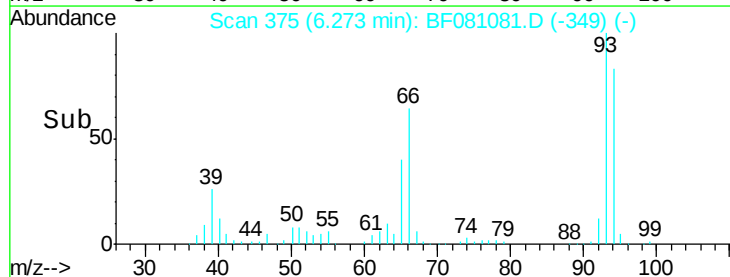
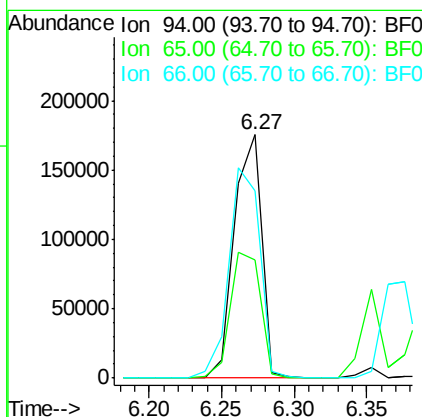
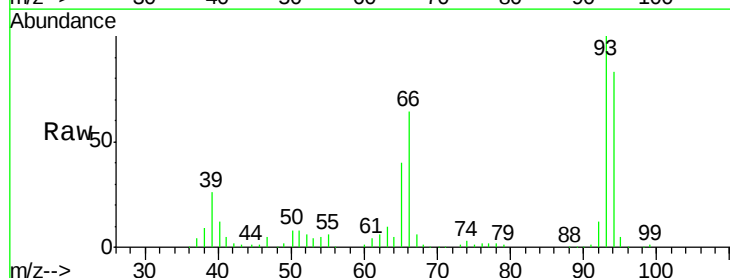
RT: 6.27 min Scan# 375

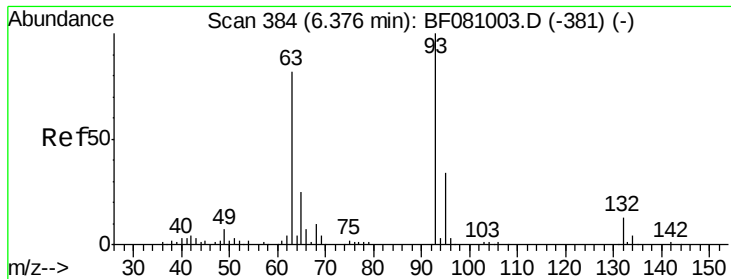
Delta R.T. 0.00 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion:	94	Resp:	230091
Ion Ratio	Lower	Upper	
94	100		
65	48.3	28.4	68.4
66	76.9	52.3	92.3





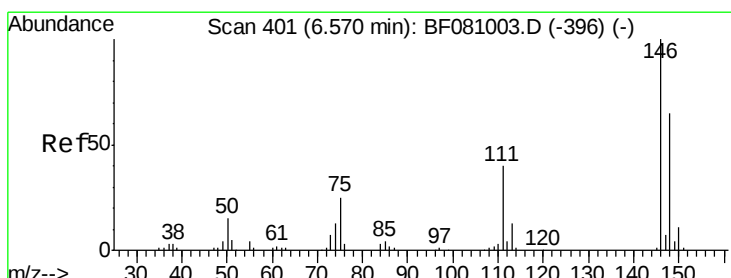
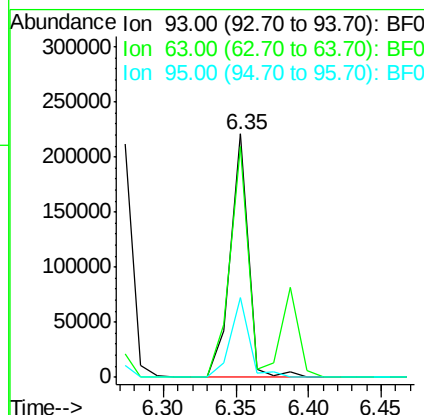
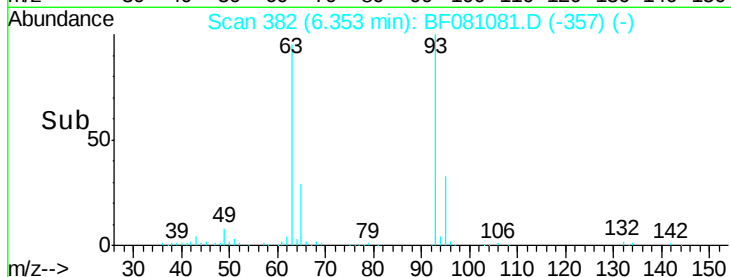
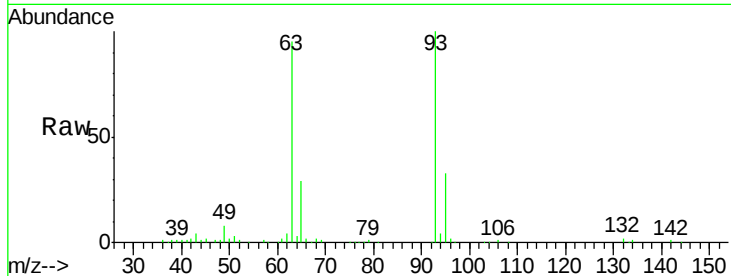
#11
 bis(2-Chloroethyl)ether
 Concen: 41.86 ng
 RT: 6.35 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	93	Resp:	191359
Ion Ratio	Lower	Upper	
93	100		
63	94.8	69.6	109.6
95	32.9	12.3	52.3

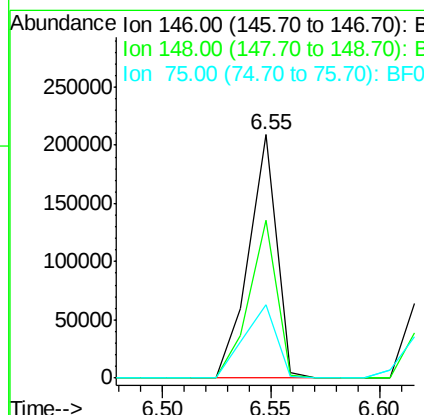
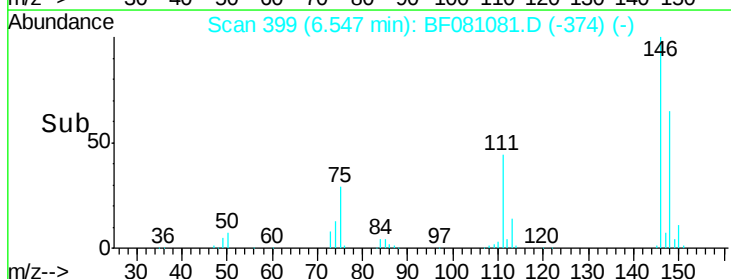
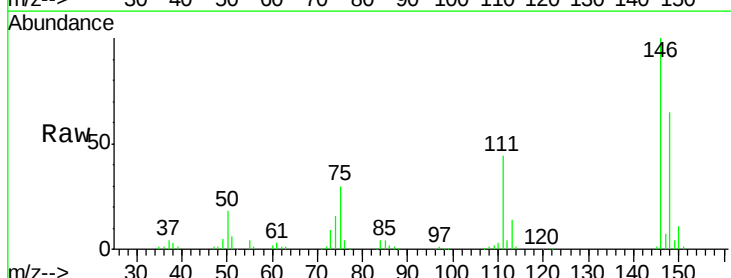
Manual Integrations
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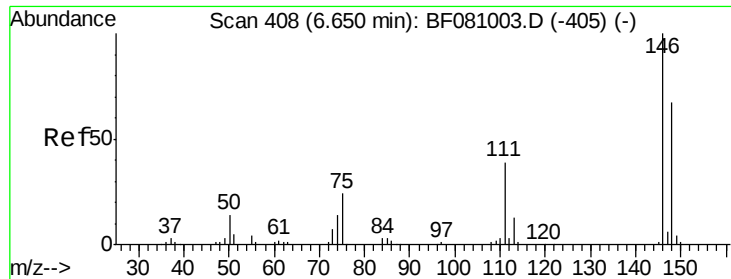
MMDadoda
 8/19/2015 2:19:19 PM



#12
 1,3-Dichlorobenzene
 Concen: 41.26 ng
 RT: 6.55 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion:	146	Resp:	187648
Ion Ratio	Lower	Upper	
146	100		
148	64.7	53.3	79.9
75	30.2	25.0	37.6





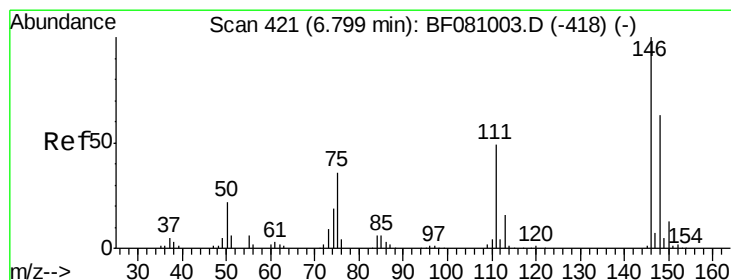
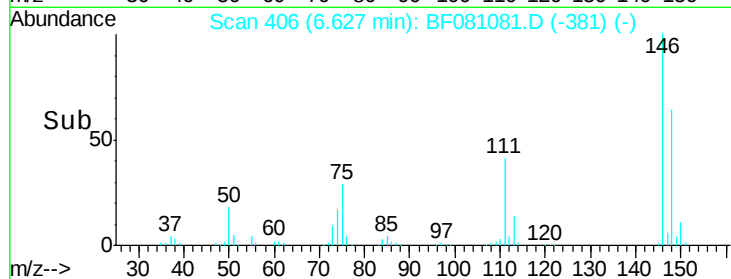
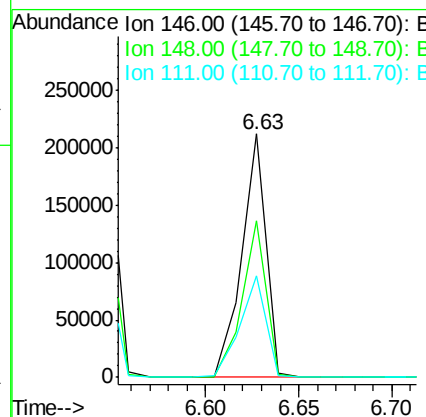
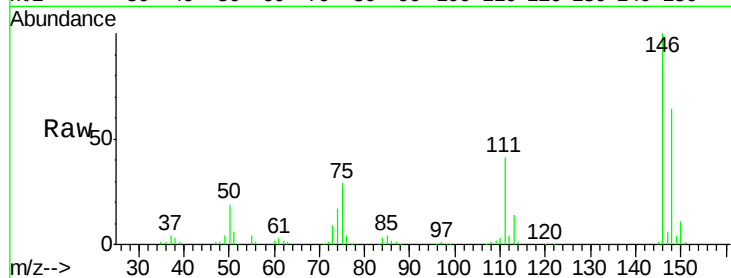
#13
 1,4-Dichlorobenzene
 Concen: 42.97 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	41.5	34.4	51.6

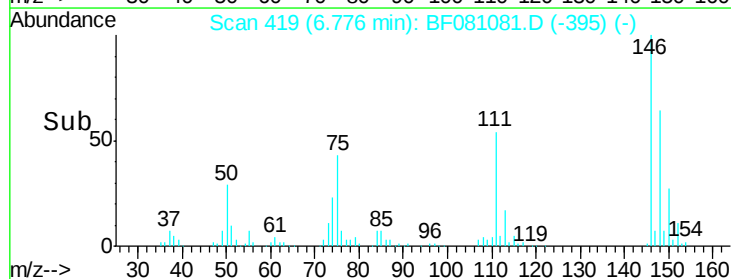
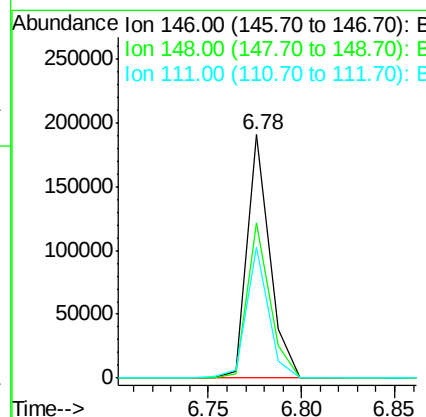
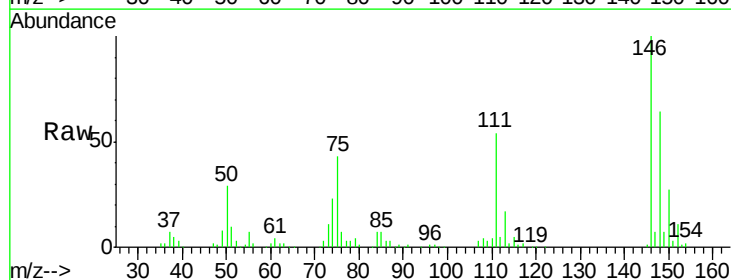
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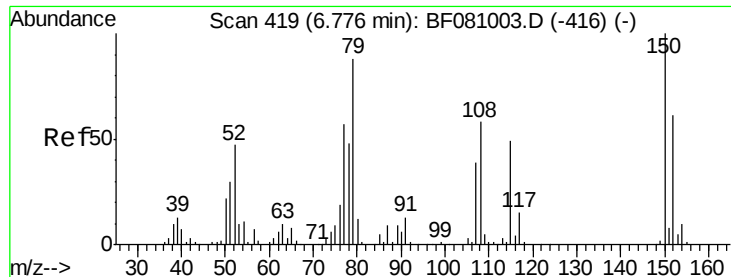
MMDadoda
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#14
 1,2-Dichlorobenzene
 Concen: 38.16 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	48.7	73.1
111	53.8	42.3	63.5





#15

Benzyl Alcohol

Concen: 43.60 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

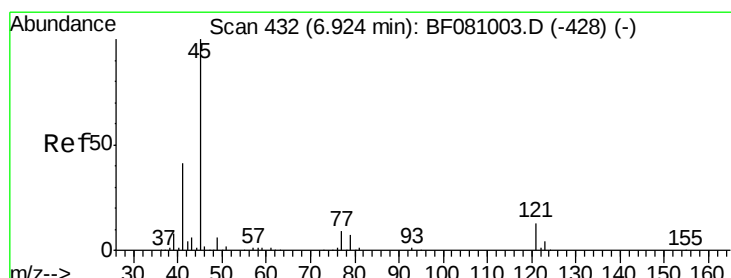
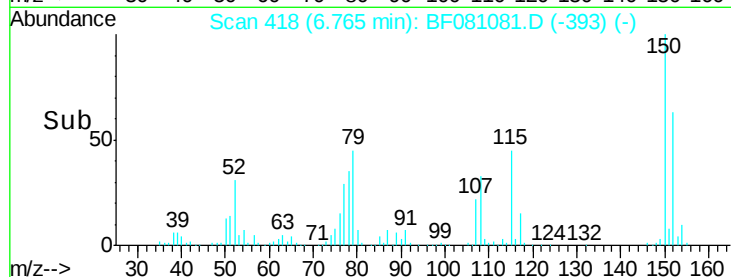
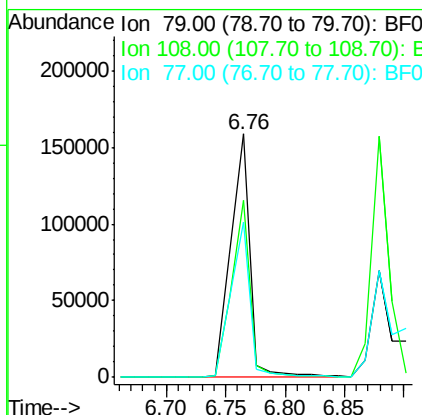
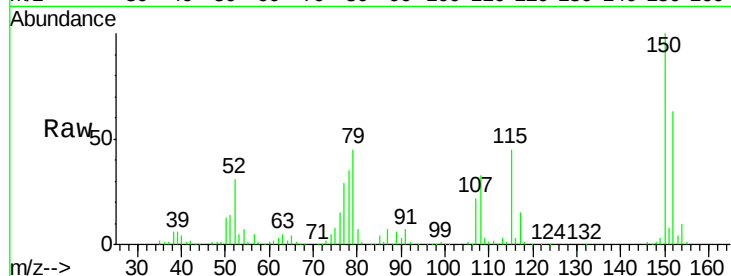
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	79	Resp:	177943
Ion Ratio	Lower	Upper	
79	100		
108	72.8	49.4	74.2
77	63.9	51.4	77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.15 ng

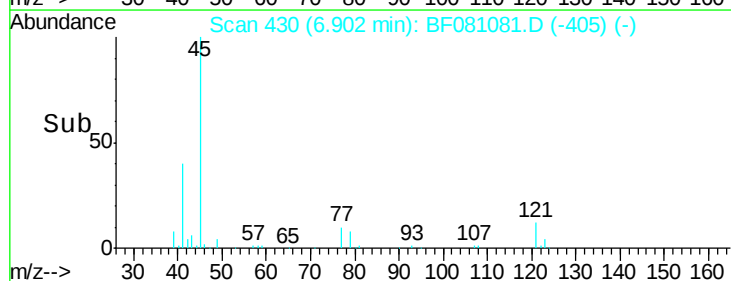
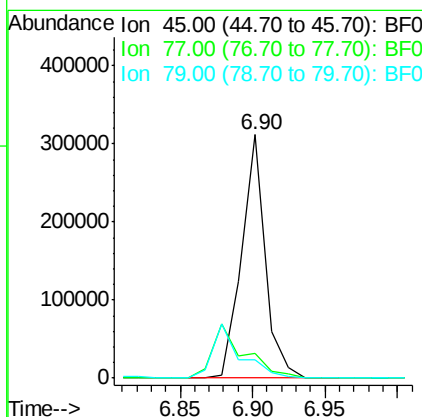
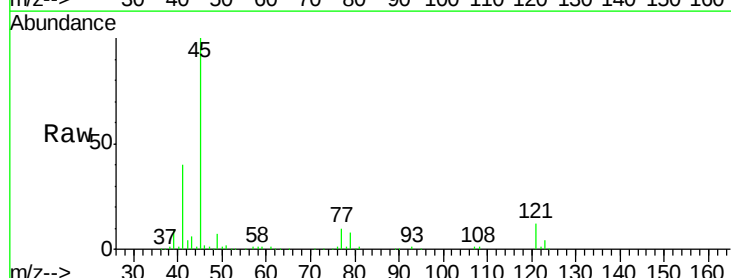
RT: 6.90 min Scan# 430

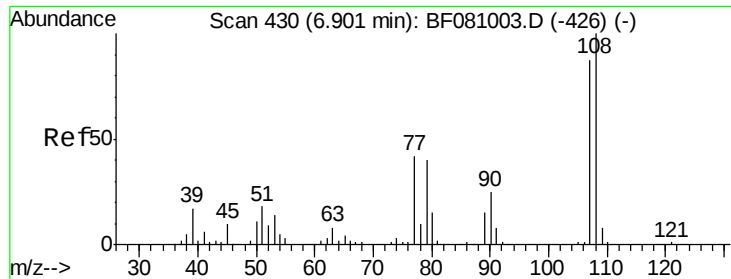
Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion:	45	Resp:	351742
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.2
79	7.7	0.0	28.0





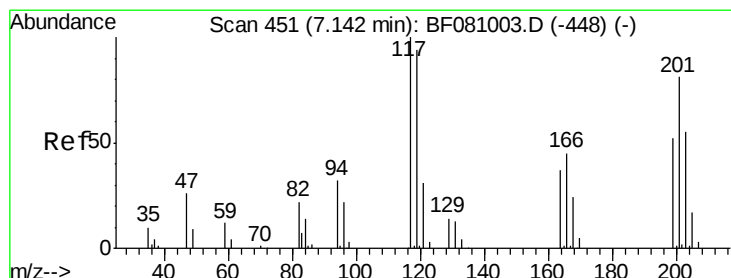
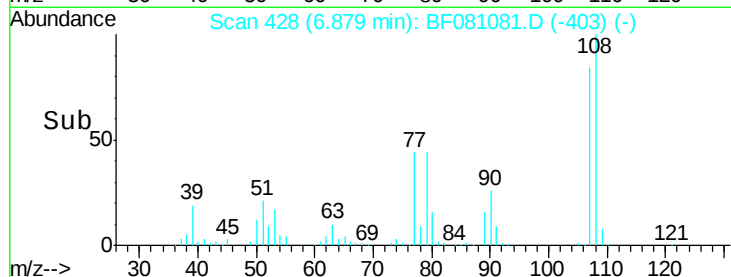
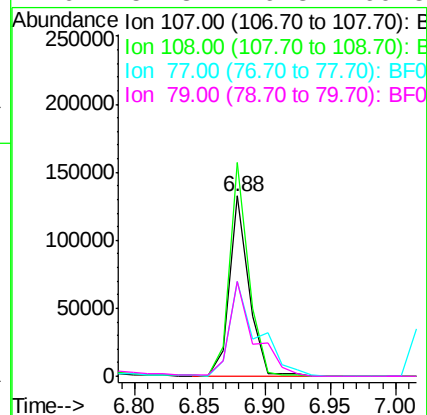
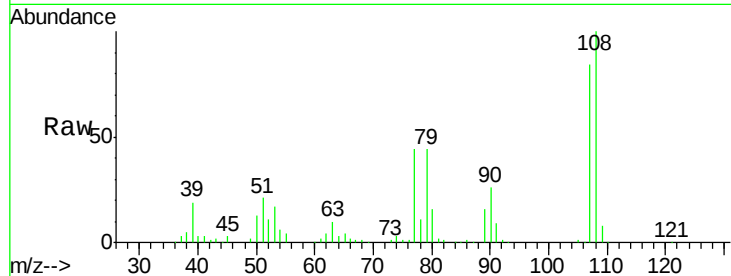
#17
2-Methylphenol
Concen: 38.17 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	138617
Ion Ratio	Lower	Upper	
107	100		
108	118.6	90.4	135.6
77	52.3	46.5	69.7
79	52.3	46.3	69.5

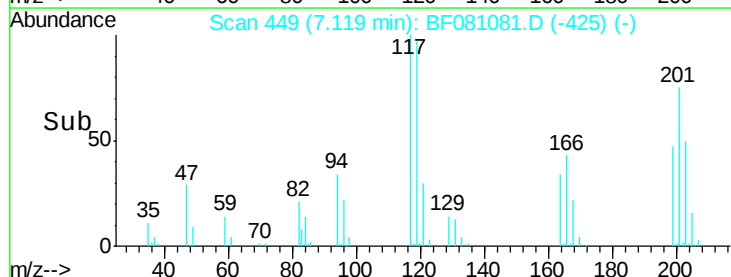
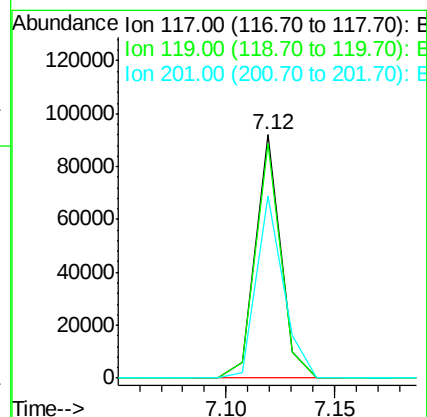
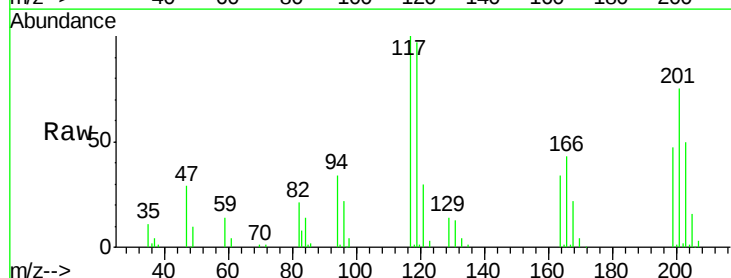
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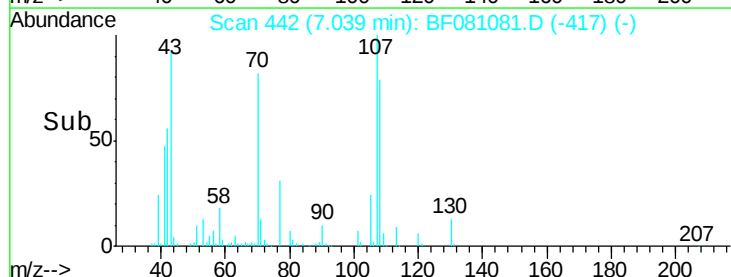
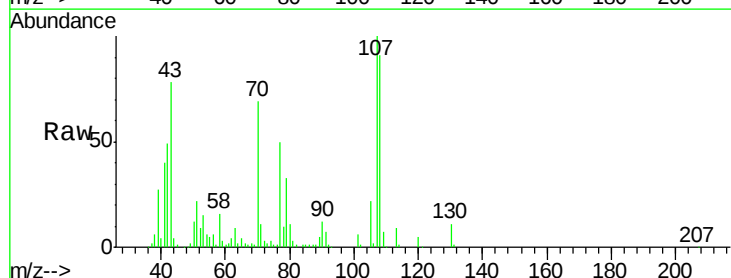
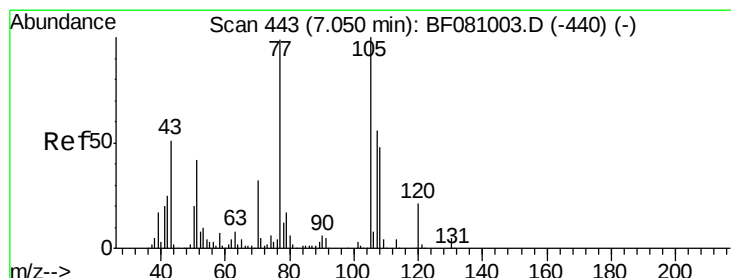
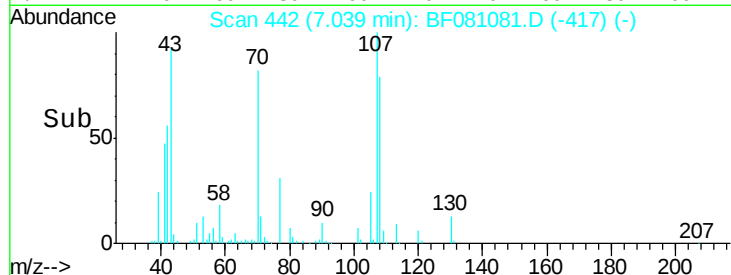
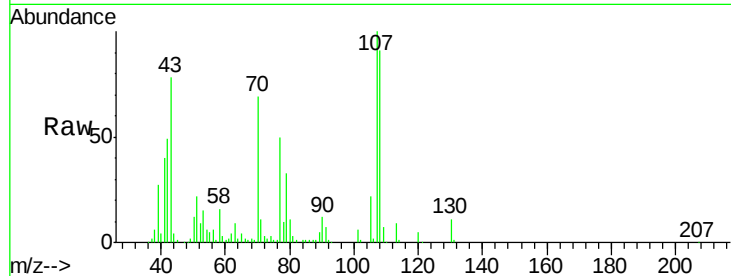
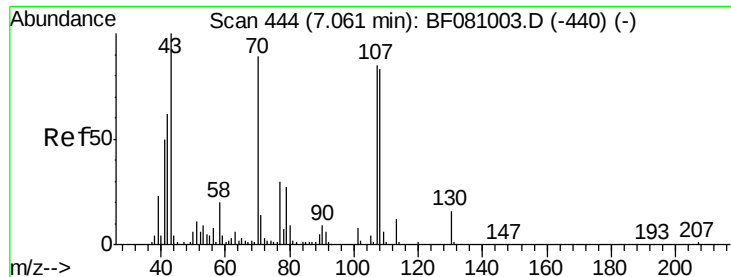
MMDadoda
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#18
Hexachloroethane
Concen: 40.72 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion:	117	Resp:	74092
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.9	116.9
201	74.6	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.90 ng

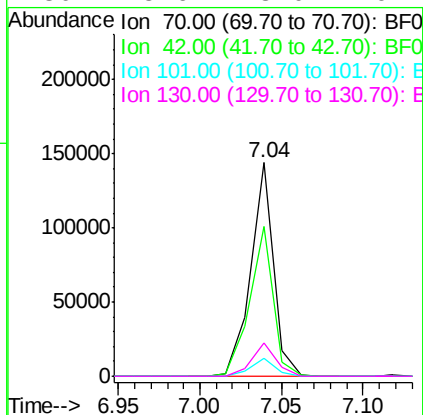
RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	70.4		65.0	97.4	
101	8.2		7.4	11.2	
130	15.6		13.0	19.4	



Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

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#20

3+4-Methylphenols

Concen: 38.97 ng

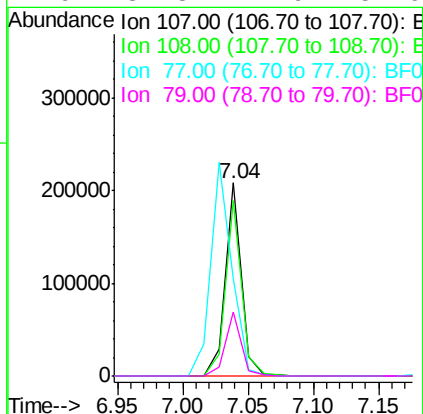
RT: 7.04 min Scan# 442

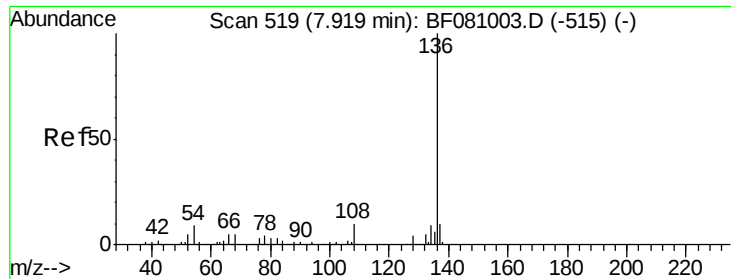
Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.8		66.1	106.1	
77	50.4		139.3	179.3#	
79	32.8		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: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

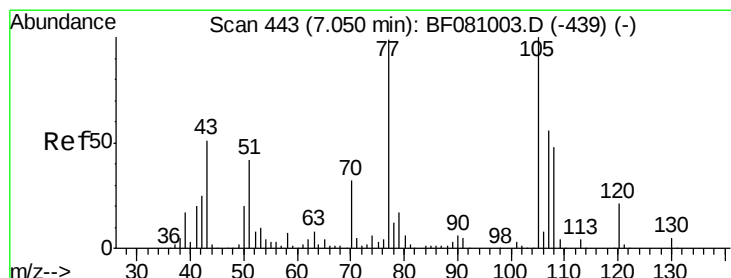
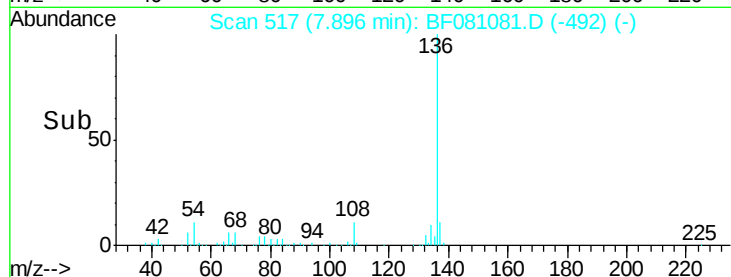
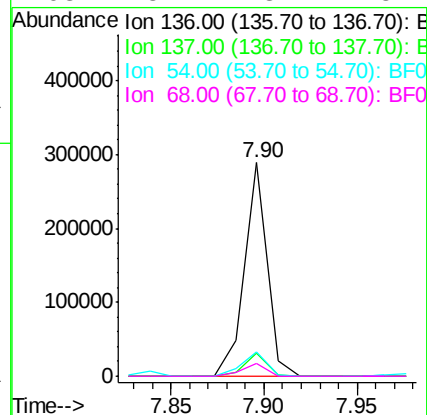
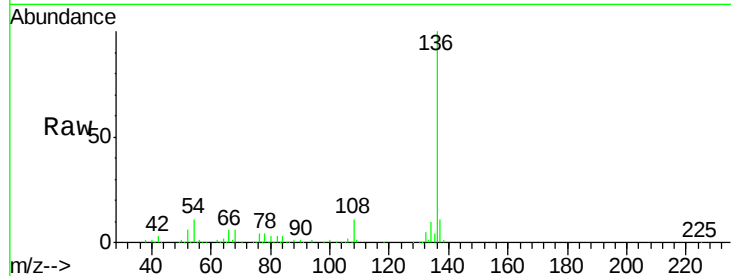
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	245906		
137	11.0	8.2	12.2	
54	11.1	7.7	11.5	
68	5.7	3.4	5.2#	

Manual Integrations
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#22

Acetophenone

Concen: 36.22 ng

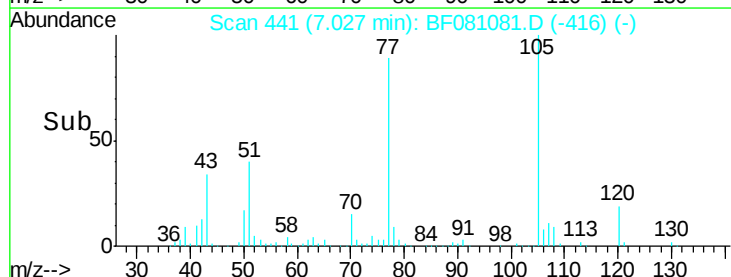
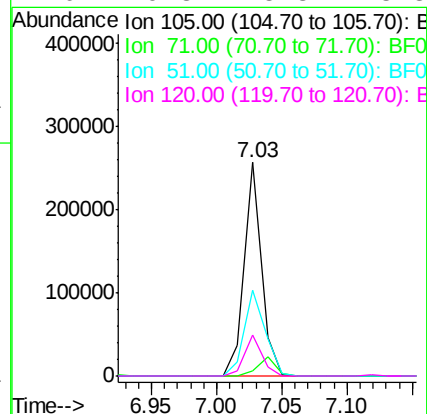
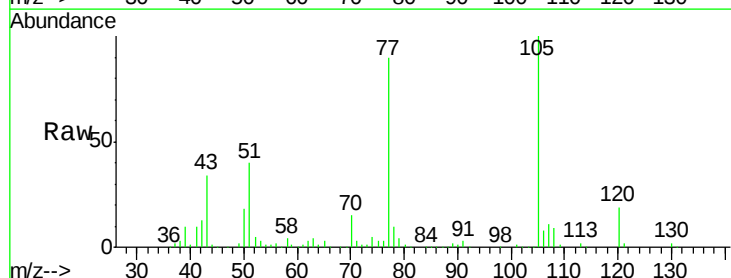
RT: 7.03 min Scan# 441

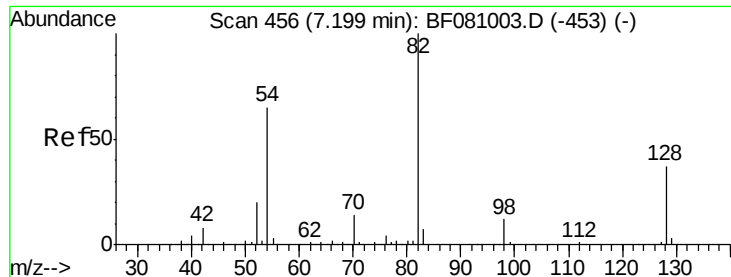
Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233848		
71	2.6	3.0	4.6#	
51	40.5	39.8	59.8	
120	19.3	15.8	23.8	





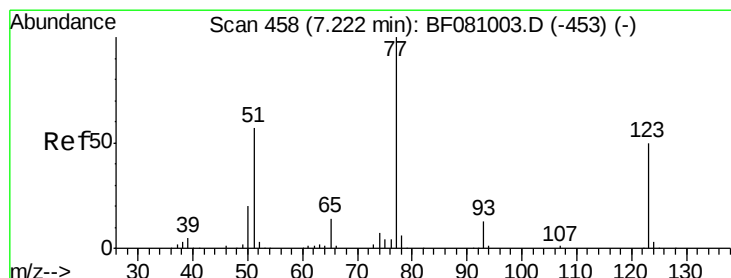
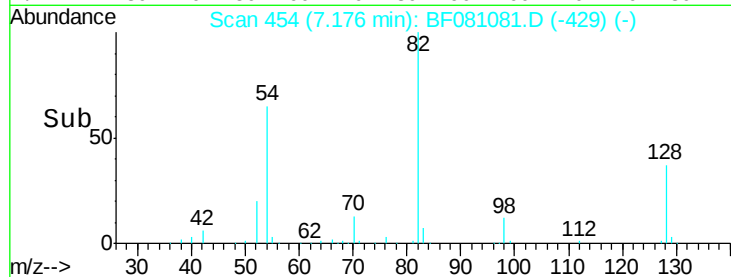
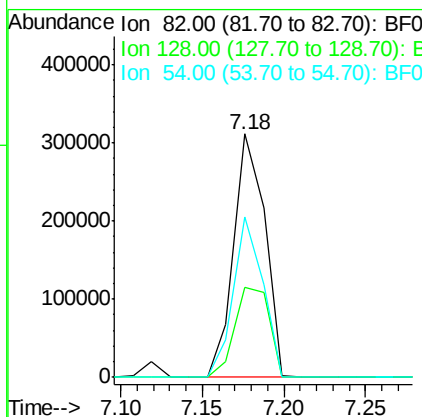
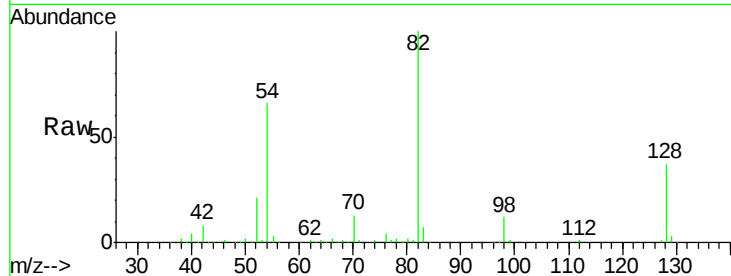
#23
Nitrobenzene-d5
Concen: 76.37 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	411112		
128	36.7	28.6	42.8	
54	65.8	55.1	82.7	

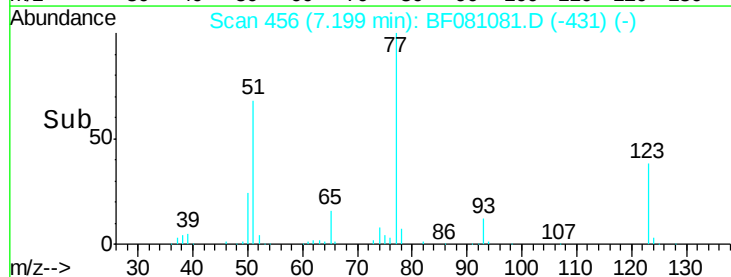
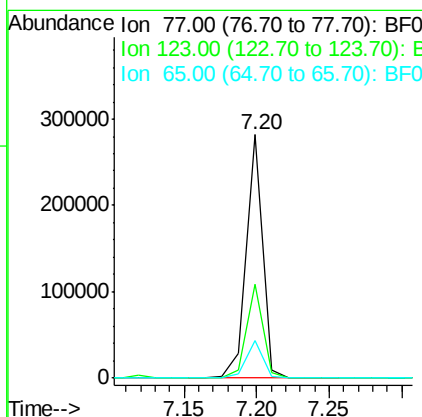
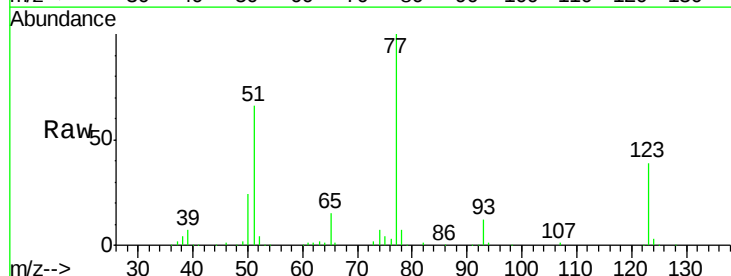
Manual Integrations
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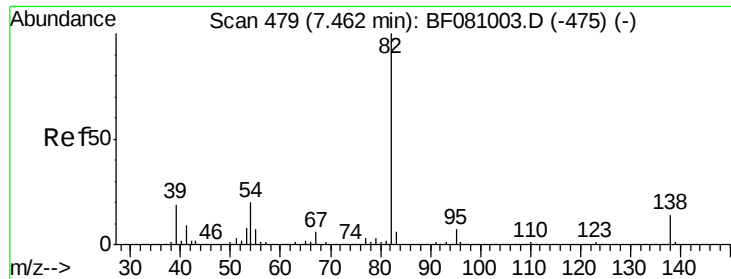
MMDadoda
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#24
Nitrobenzene
Concen: 39.34 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	221434		
123	38.5	32.9	49.3	
65	15.4	12.5	18.7	





#25

Isophorone

Concen: 38.92 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

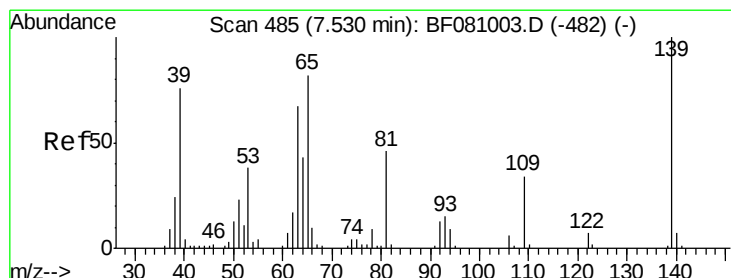
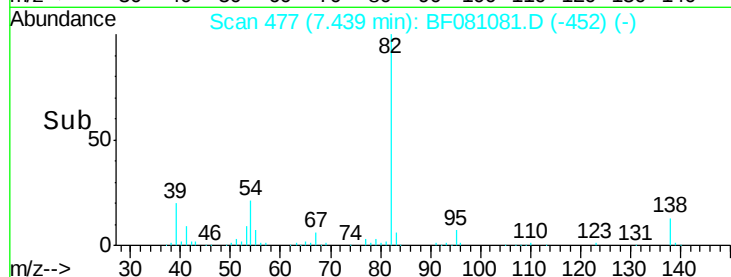
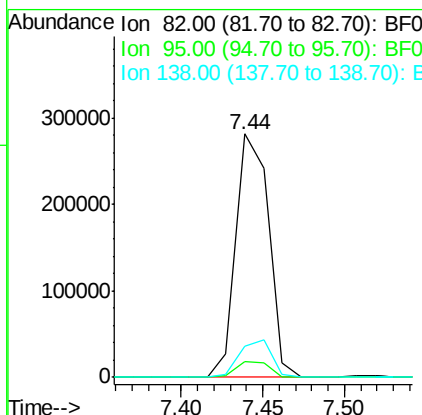
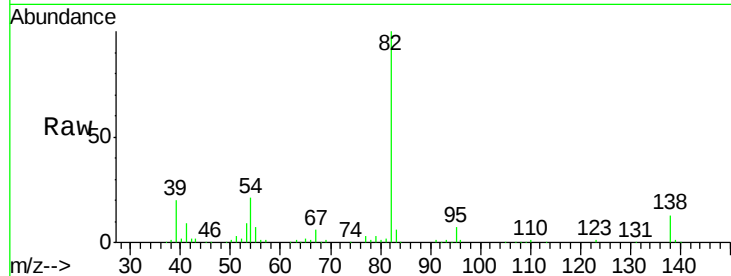
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	390661
Ion Ratio		Lower	Upper
82	100		
95	6.6	6.2	9.2
138	12.8	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.38 ng

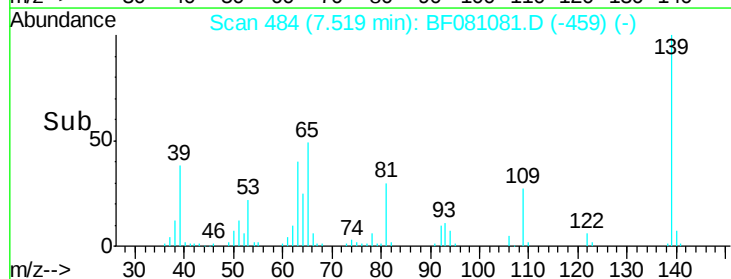
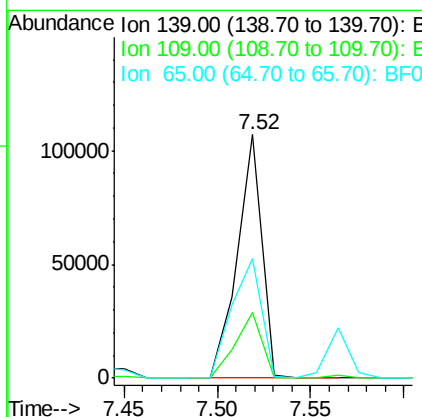
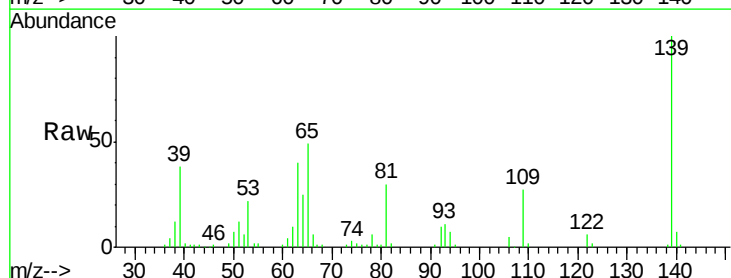
RT: 7.52 min Scan# 484

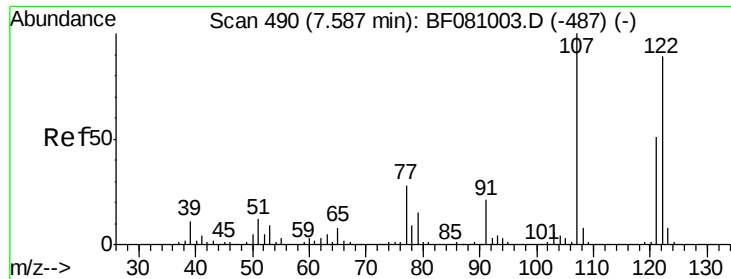
Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion:	139	Resp:	99194
Ion Ratio		Lower	Upper
139	100		
109	27.2	32.1	48.1#
65	49.3	69.9	104.9#





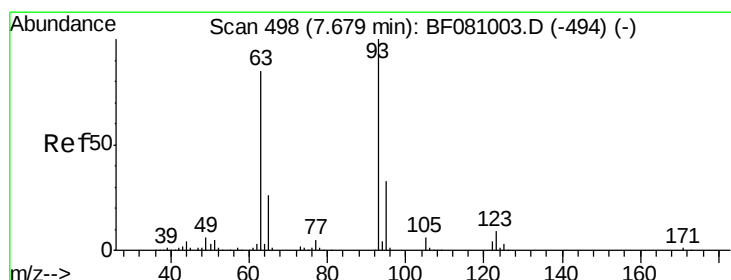
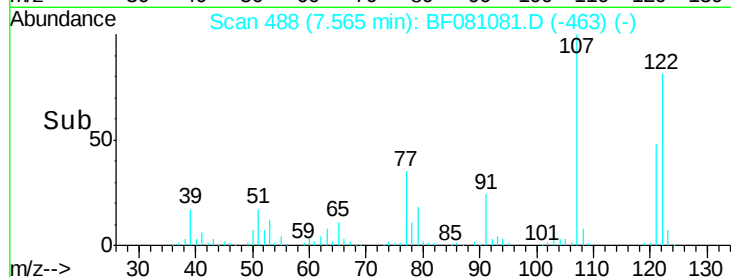
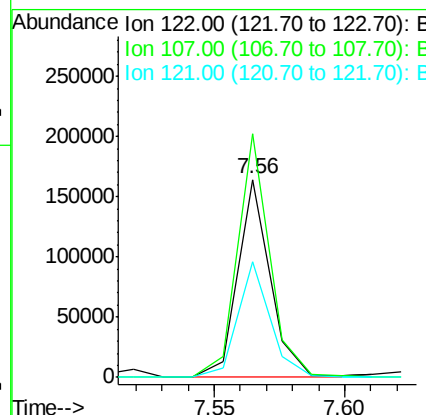
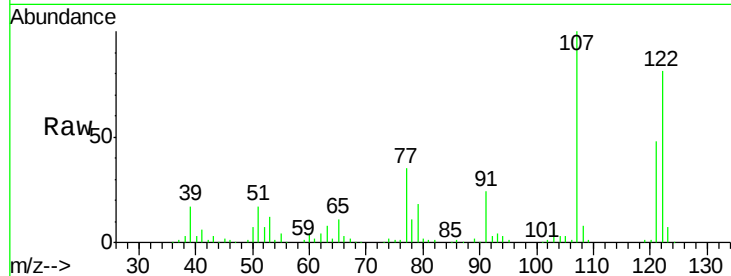
#27
 2,4-Dimethylphenol
 Concen: 35.03 ng
 RT: 7.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	122.9	103.8	145058	155.6	
121	58.5	47.0	70.4		

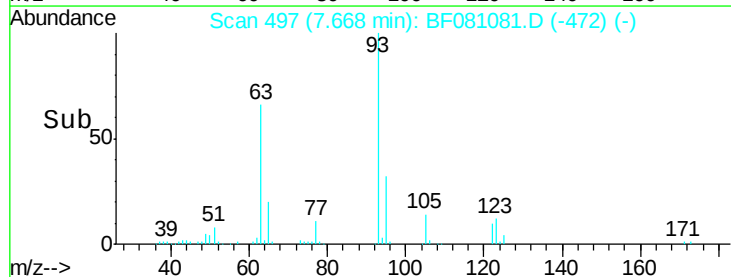
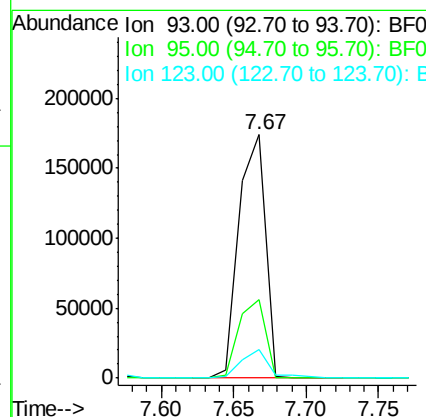
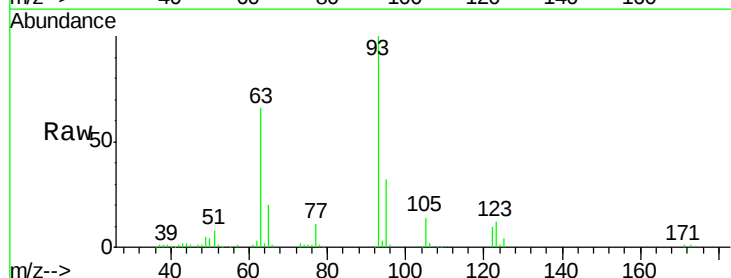
Manual Integrations
 APPROVED

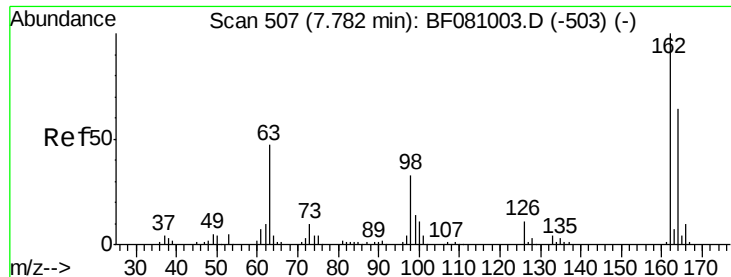
MMDadoda
 8/19/2015 2:19:19 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.43 ng
 RT: 7.67 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.2	25.8	221952	38.8	
123	11.6	7.4	11.0#		





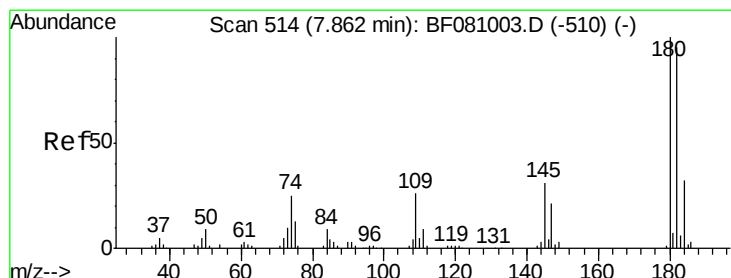
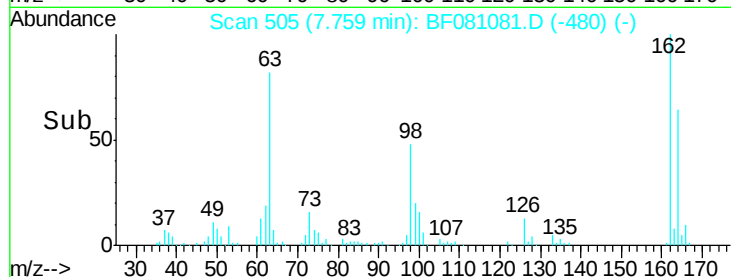
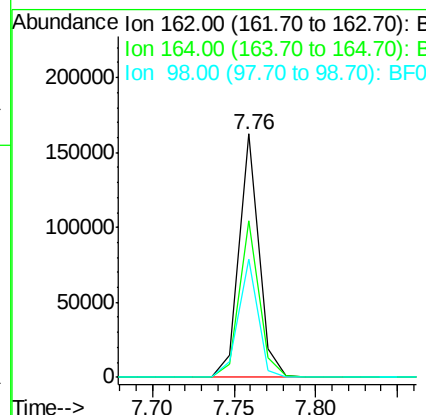
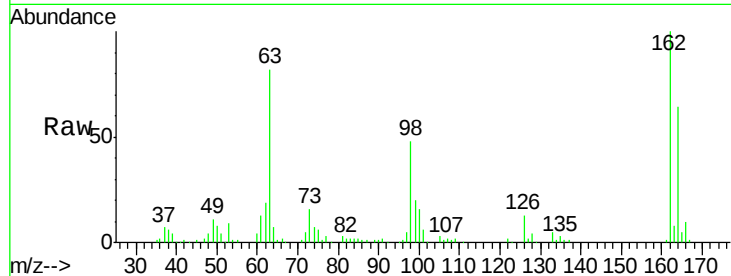
#29
 2,4-Dichlorophenol
 Concen: 38.92 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	135682		
164	64.5	43.2	83.2	
98	48.5	12.3	52.3	

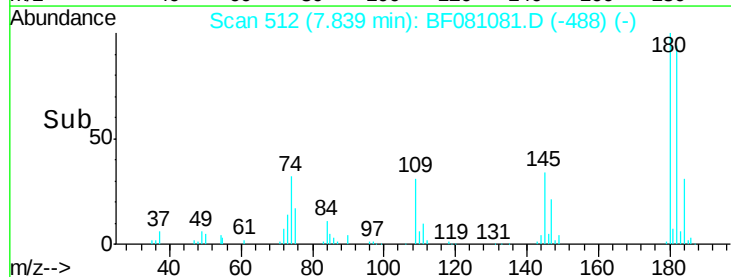
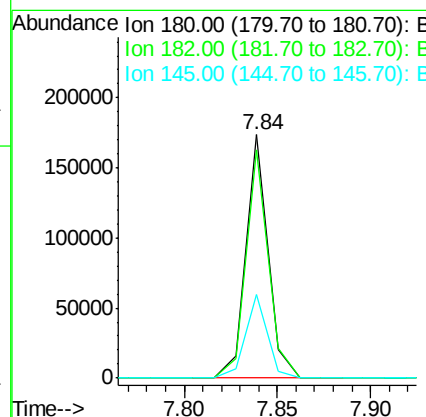
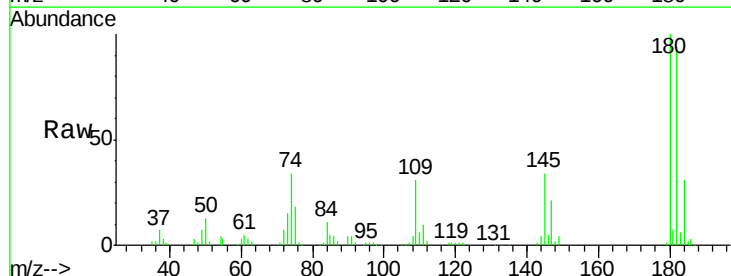
Manual Integrations
 APPROVED

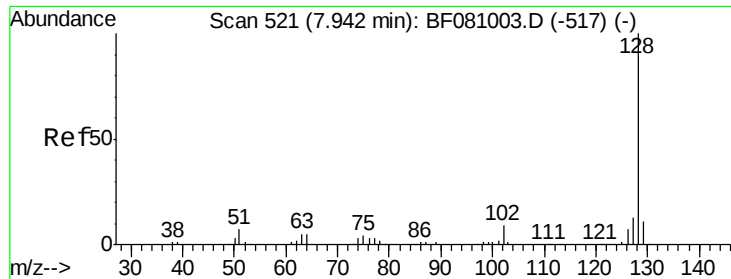
MMDadoda
 8/19/2015 2:19:19 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.23 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144240		
182	93.6	76.4	114.6	
145	34.4	25.4	38.2	





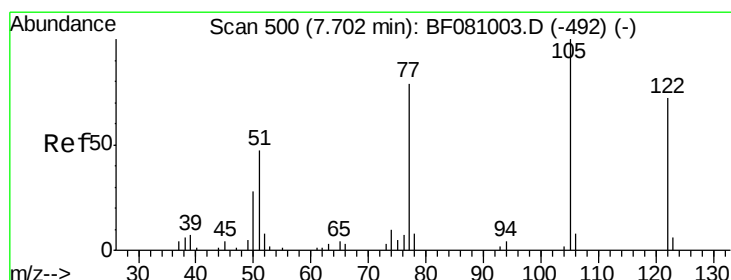
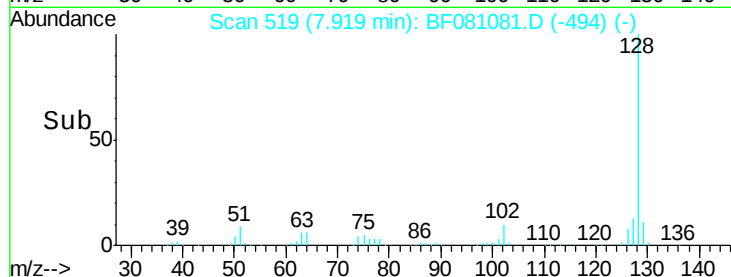
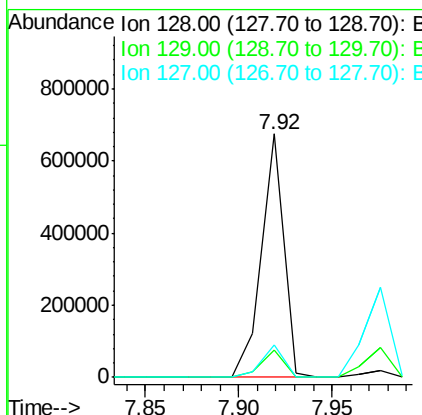
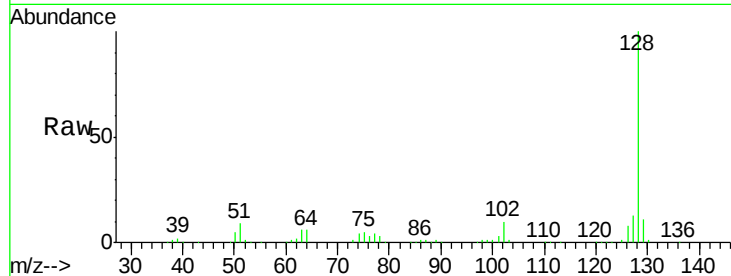
#31
Naphthalene
Concen: 40.55 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	555822		
129	11.4		8.4	12.6
127	13.1		10.6	16.0

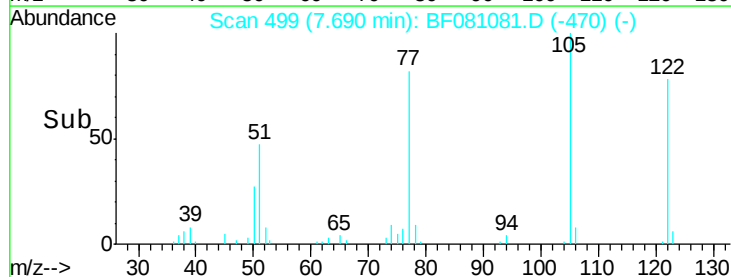
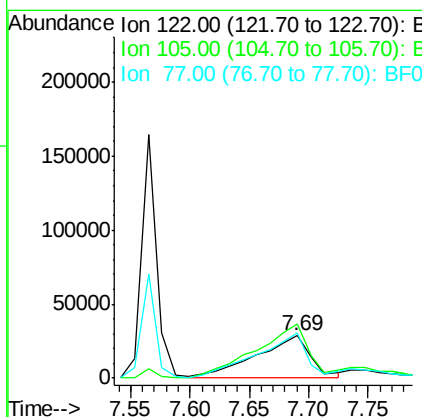
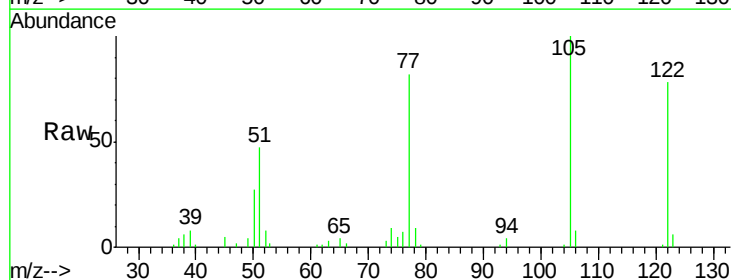
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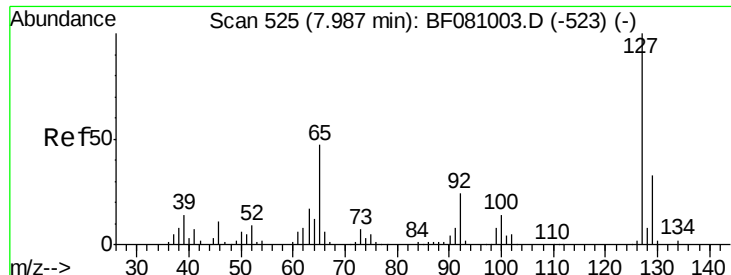
MMDadoda
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#32
Benzoic acid
Concen: 38.57 ng
RT: 7.69 min Scan# 499
Delta R.T. 0.03 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	89848		
105	128.8		113.8	153.8
77	106.1		93.8	133.8





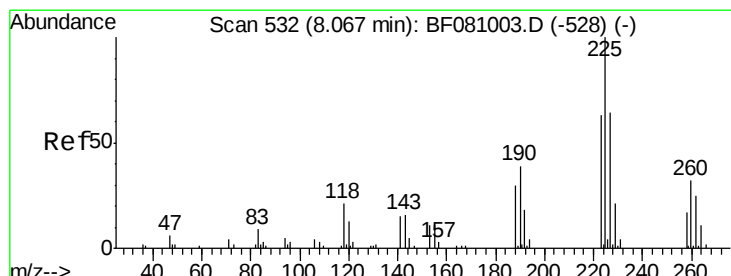
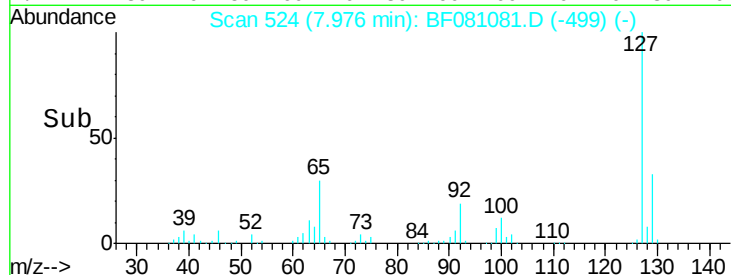
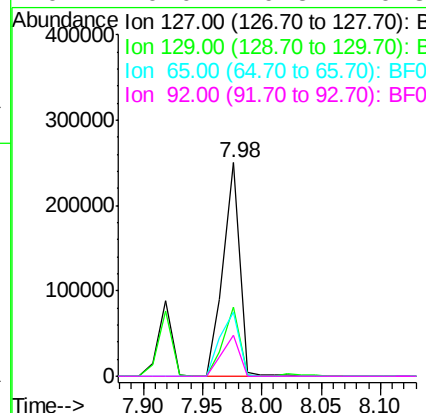
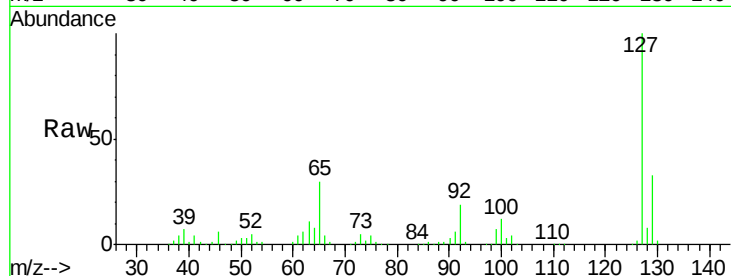
#33
4-Chloroaniline
Concen: 41.46 ng
RT: 7.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.2	37.8	
65	30.3	37.8	56.6	
92	19.0	19.5	29.3	

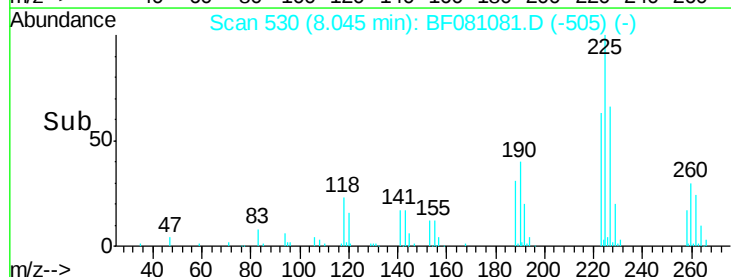
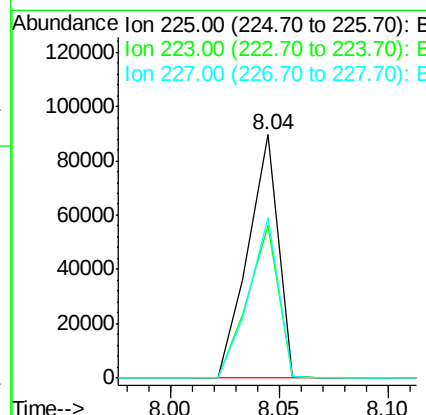
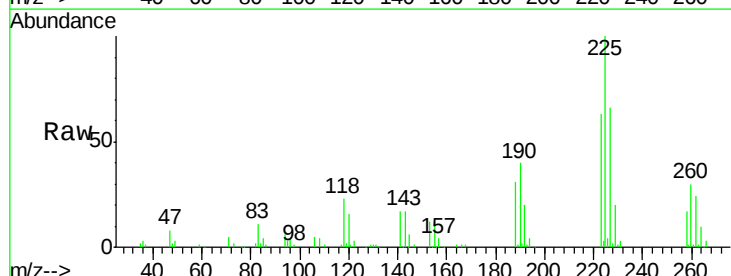
Manual Integrations
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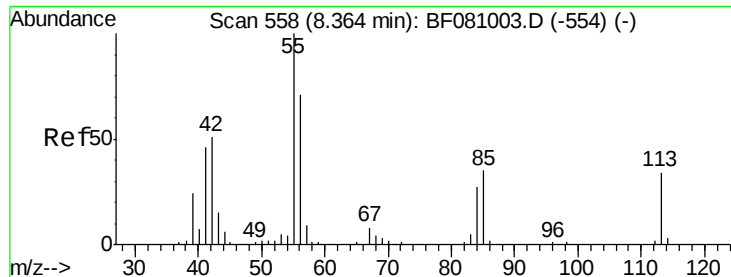
MMDadoda
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#34
Hexachlorobutadiene
Concen: 39.60 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	52.6	79.0	
227	65.6	51.1	76.7	





#35

Caprolactam

Concen: 39.41 ng

RT: 8.35 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

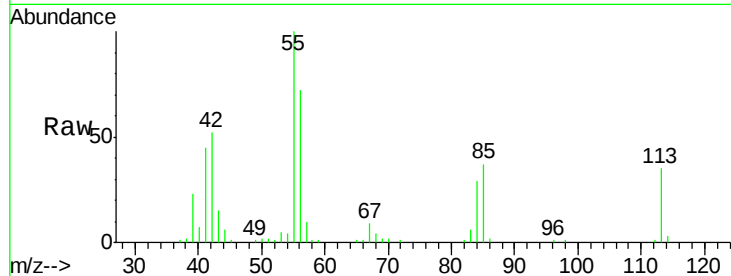
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	48022
Ion Ratio	Lower	Upper	
113	100		
55	285.2	280.4	320.4
56	205.3	205.9	245.9#

Manual Integrations
APPROVED

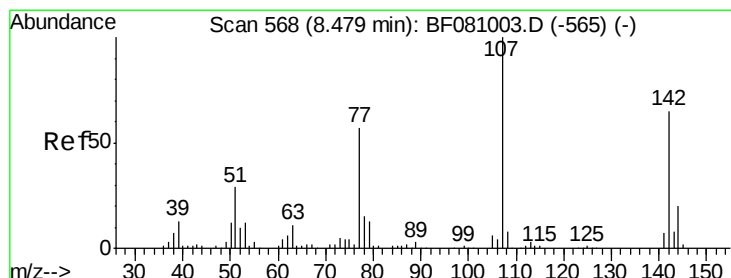
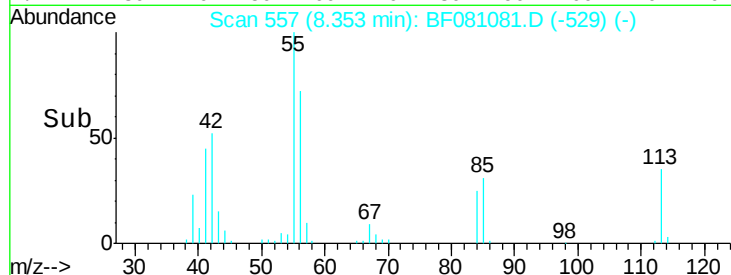
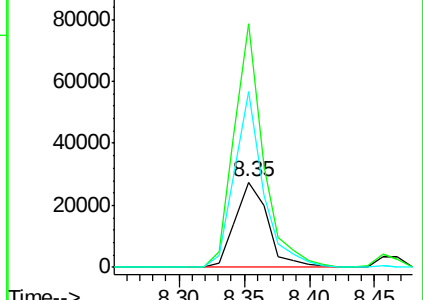
MMDadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.45 ng

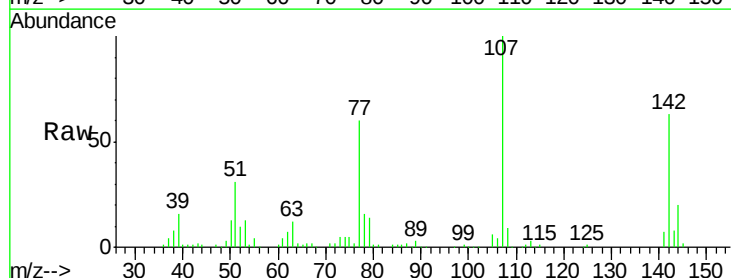
RT: 8.46 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

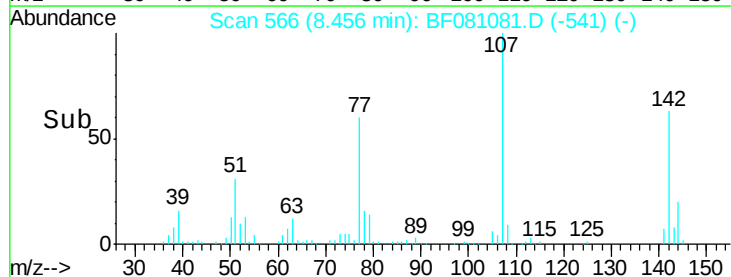
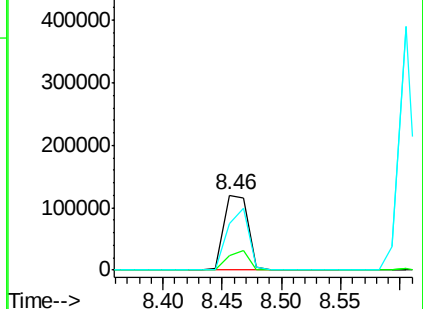
Tgt Ion:	107	Resp:	168084
Ion Ratio	Lower	Upper	
107	100		
144	19.8	17.2	25.8
142	62.7	54.9	82.3

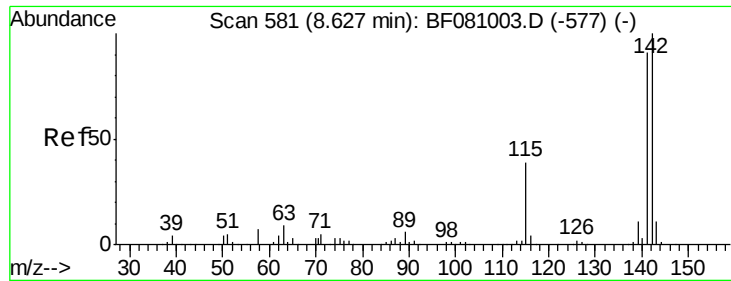


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





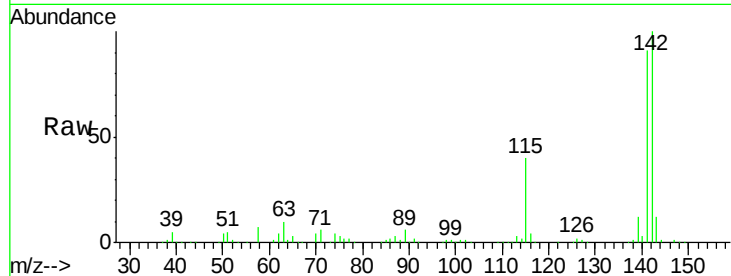
#37
2-Methylnaphthalene
Concen: 37.03 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

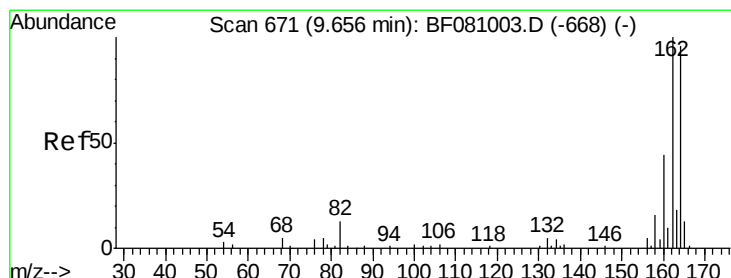
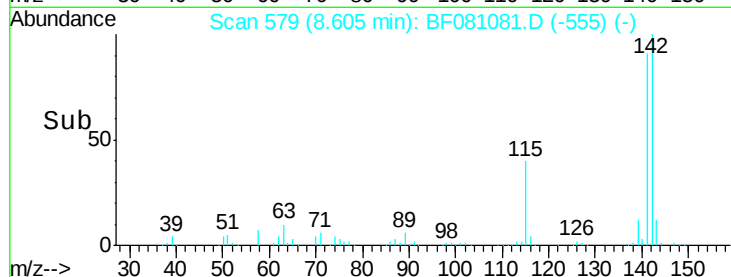
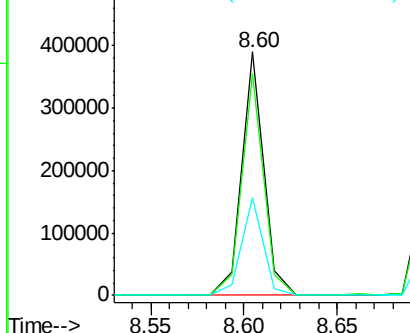
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.4	107.2
115	40.1	33.4	50.0

Manual Integrations
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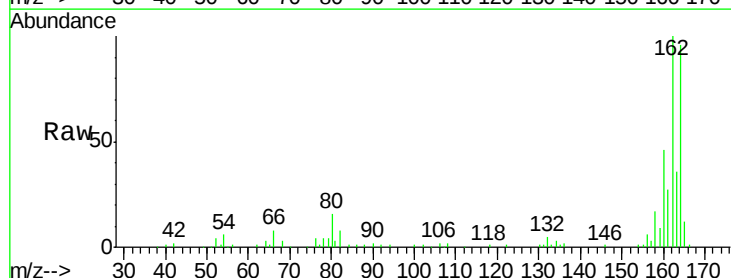


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

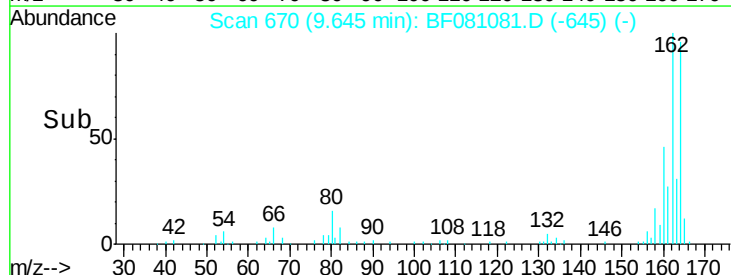
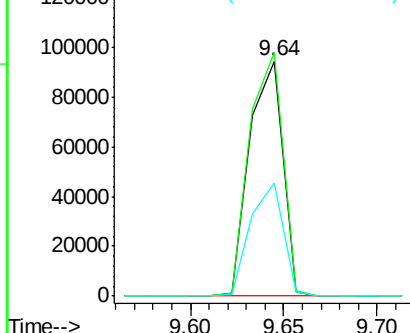


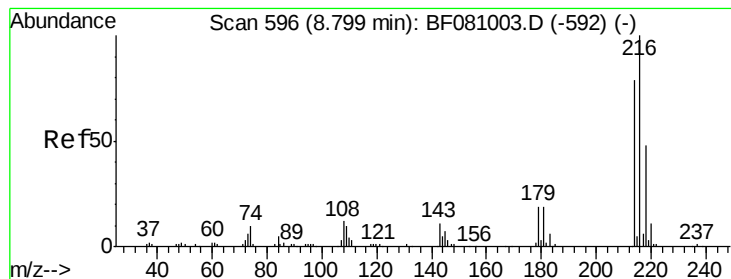
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.8	125.8
160	48.2	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: 39.63 ng

RT: 8.78 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

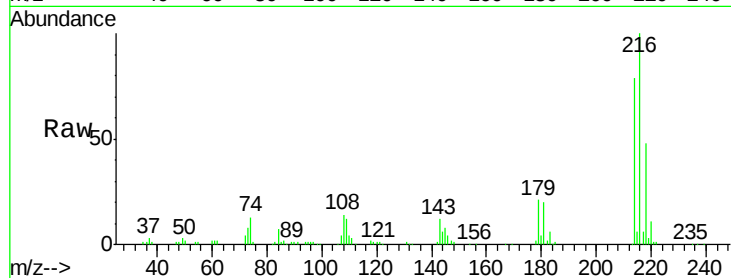
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	148852		
214	79.2	63.8	95.8	
179	22.3	17.8	26.8	
108	19.9	16.2	24.2	

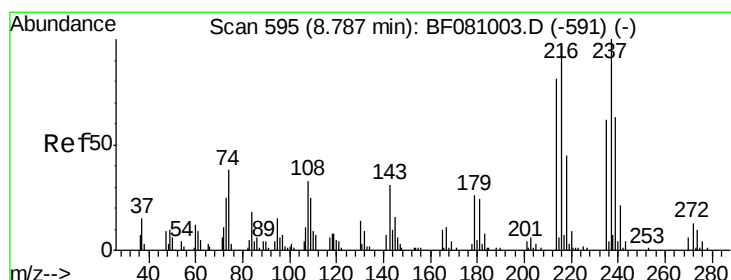
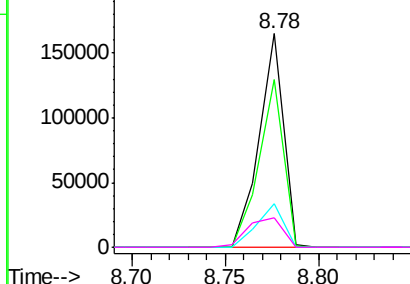
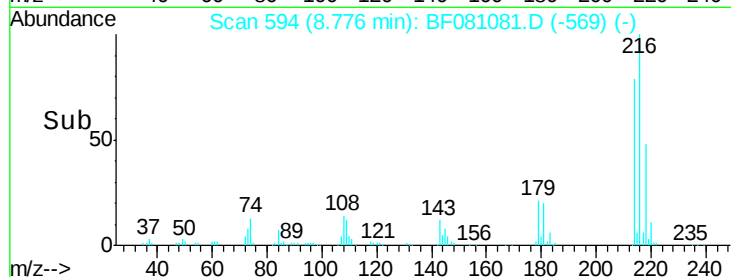


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 24.63 ng

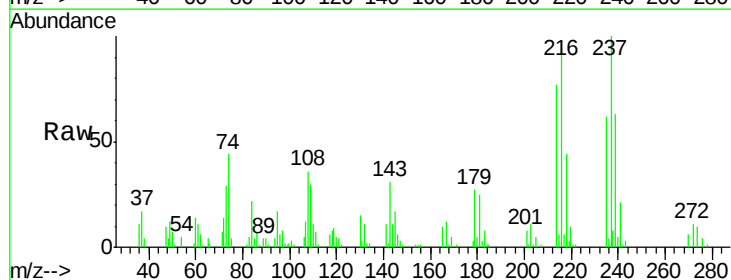
RT: 8.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

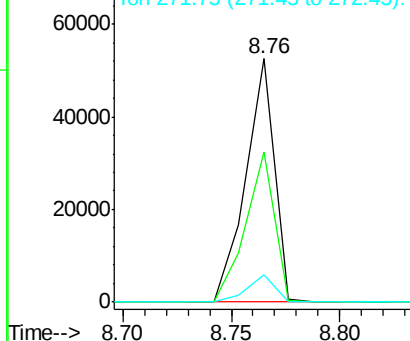
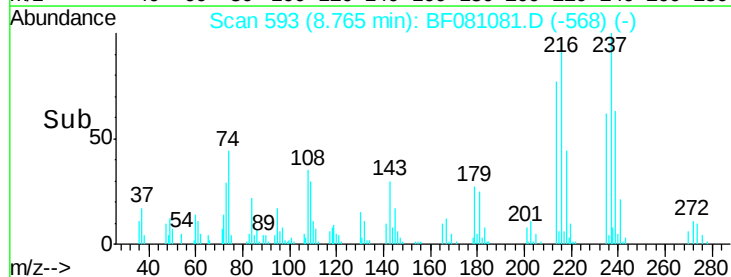
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	47879		
235	61.8	43.6	83.6	
272	11.4	0.0	32.2	

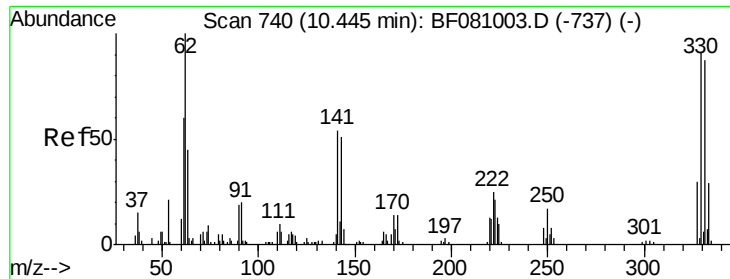


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





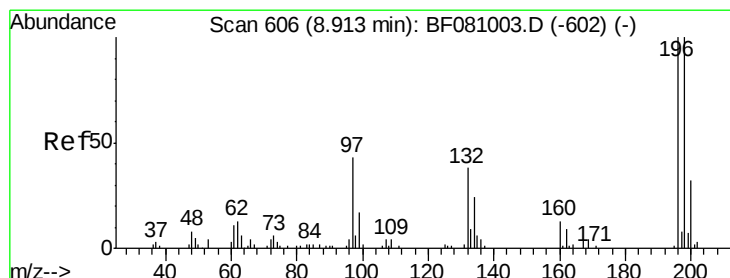
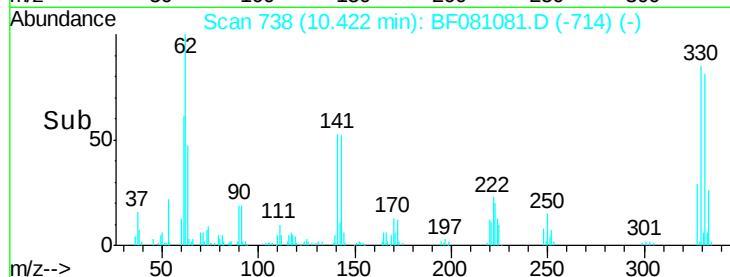
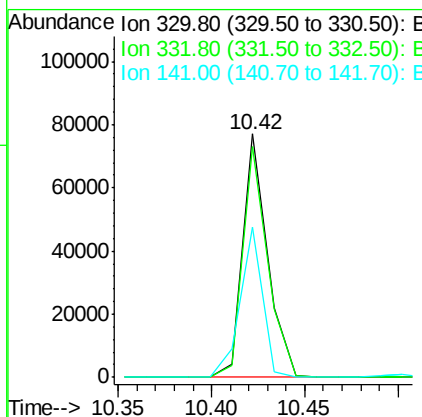
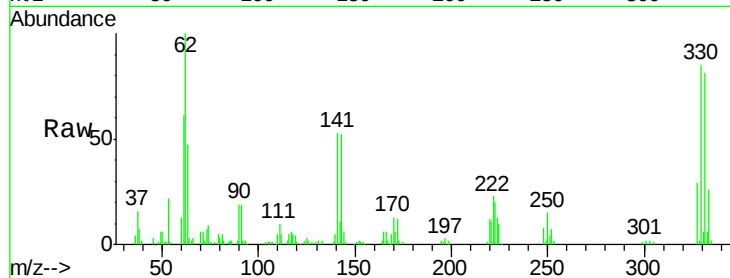
#41
 2,4,6-Tribromophenol
 Concen: 70.46 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	56.3	44.9	67.3

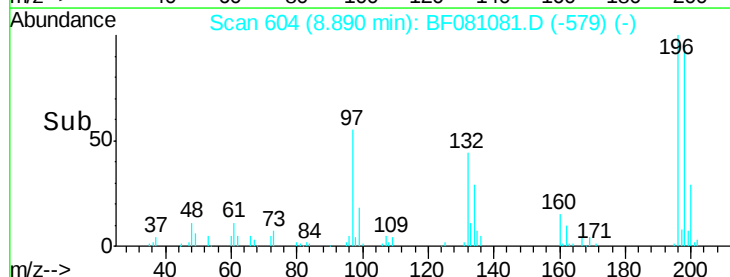
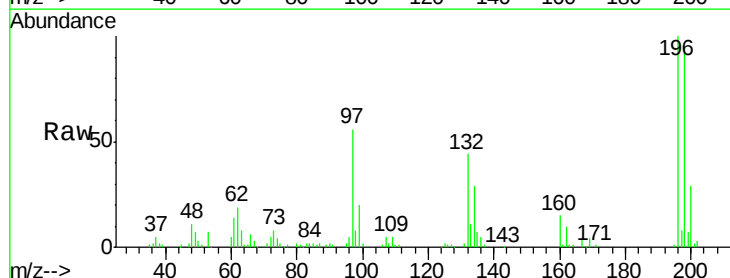
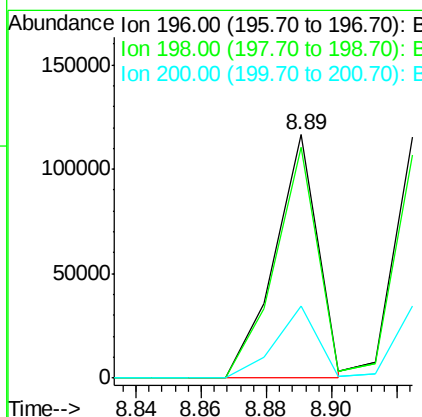
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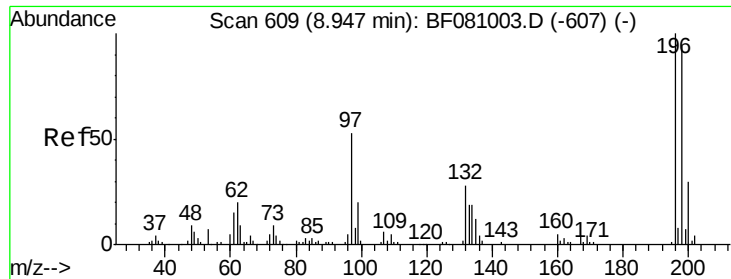
MMDadoda
 8/19/2015 2:19:19 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.24 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	111.8
200	29.5	22.7	34.1





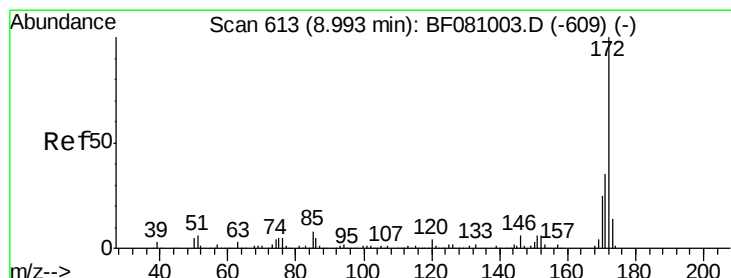
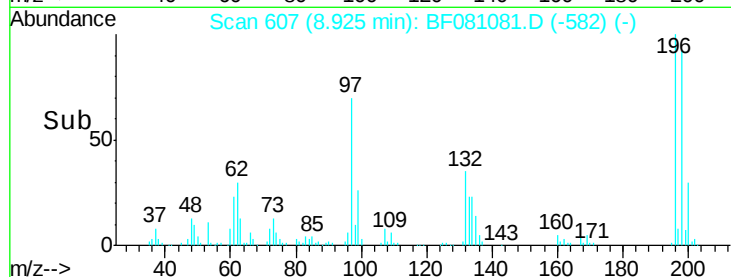
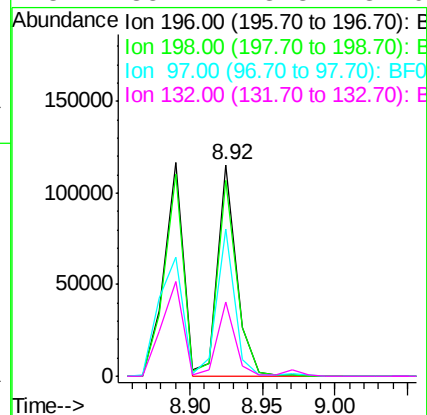
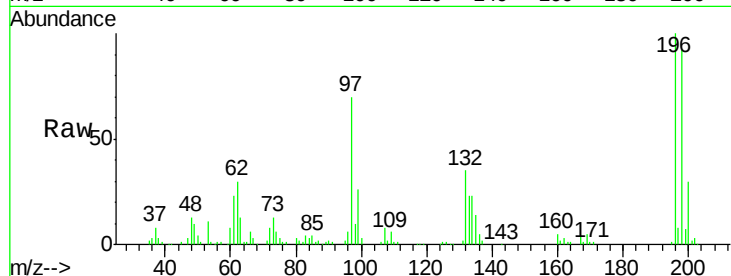
#43
 2,4,5-Trichlorophenol
 Concen: 39.61 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	105037		
198	92.5	78.3	117.5	
97	69.6	42.7	64.1#	
132	35.1	23.3	34.9#	

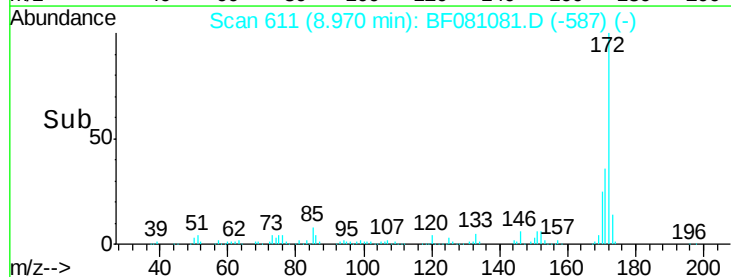
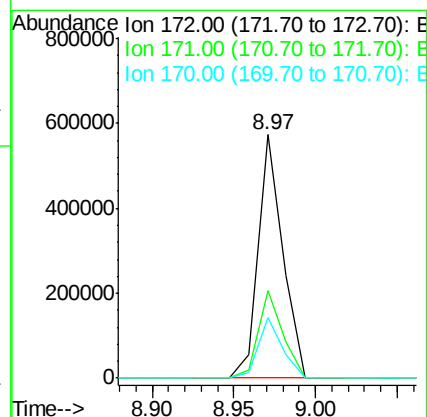
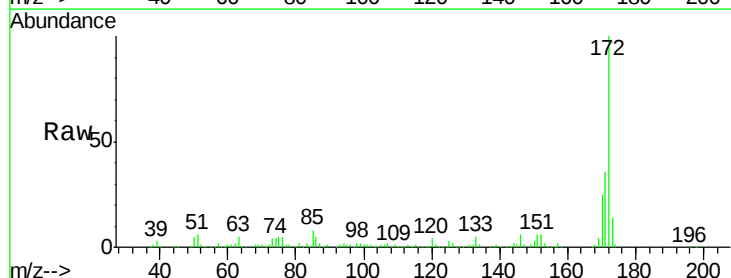
Manual Integrations
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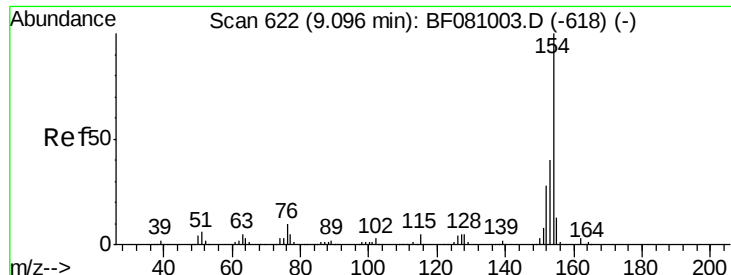
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 8/19/2015 2:19:19 PM



#44
 2-Fluorobiphenyl
 Concen: 67.40 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	598788		
171	36.1	28.9	43.3	
170	24.9	19.4	29.2	





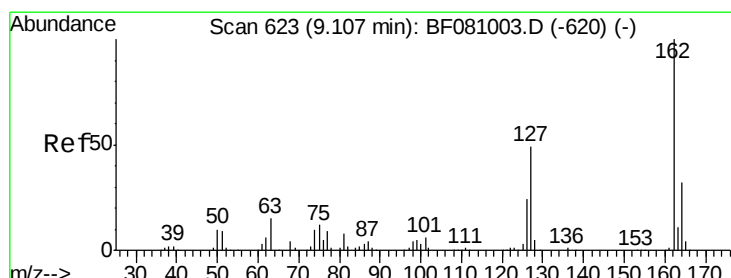
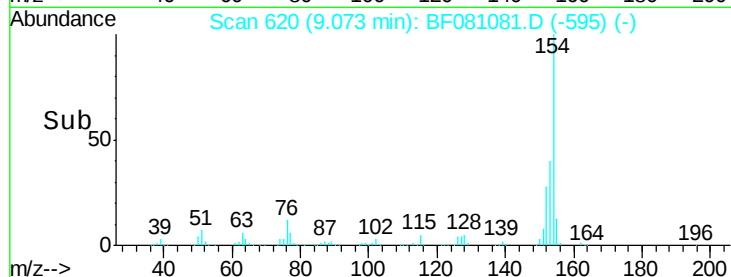
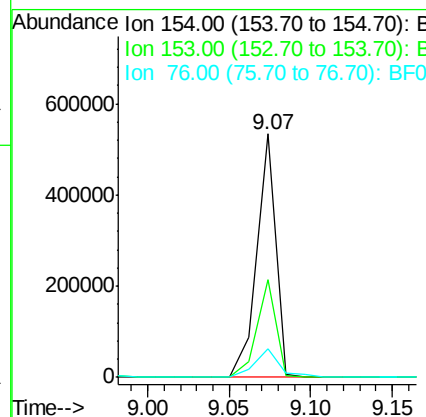
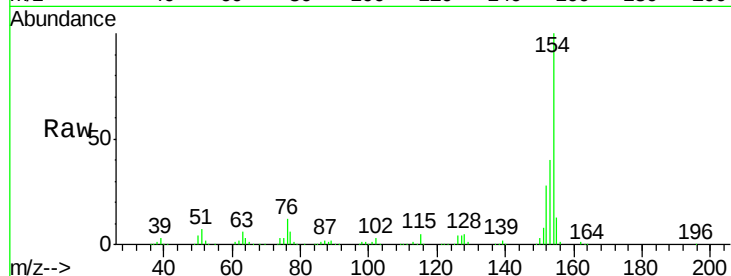
#45
 1,1'-Biphenyl
 Concen: 42.18 ng
 RT: 9.07 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	19.5	59.5	
76	11.5	0.0	29.3	

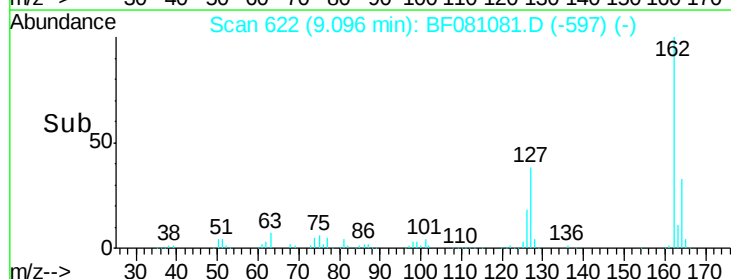
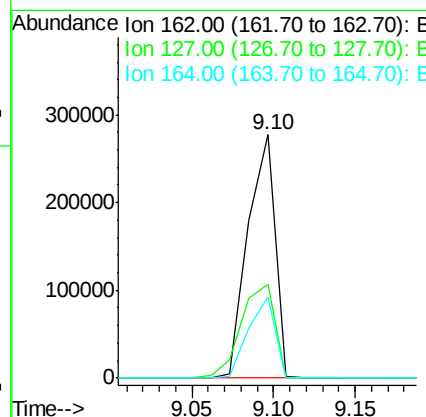
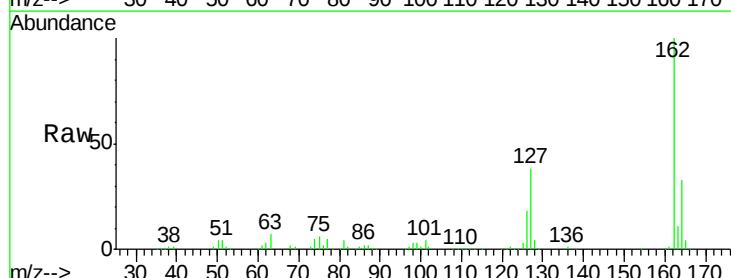
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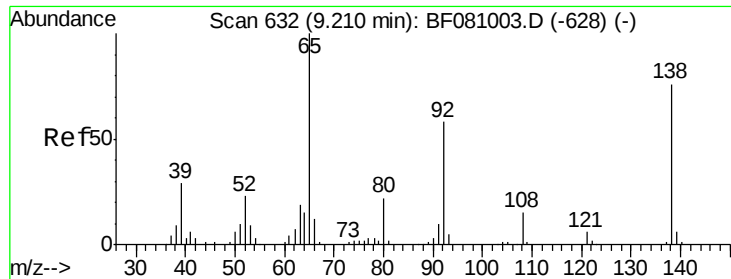
MMDadoda
 8/19/2015 2:19:19 PM



#46
 2-Chloronaphthalene
 Concen: 38.63 ng
 RT: 9.10 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	31.3	46.9	
164	33.4	26.3	39.5	





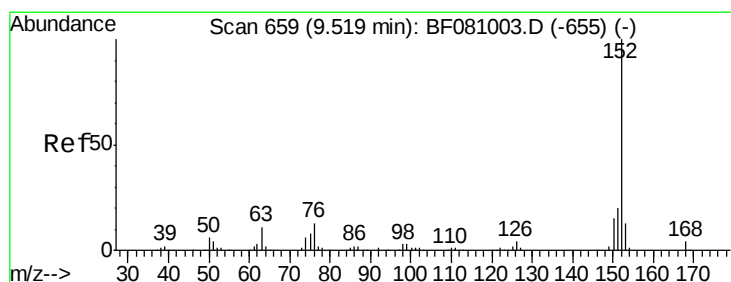
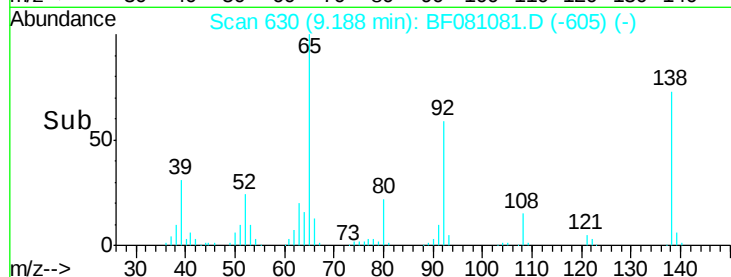
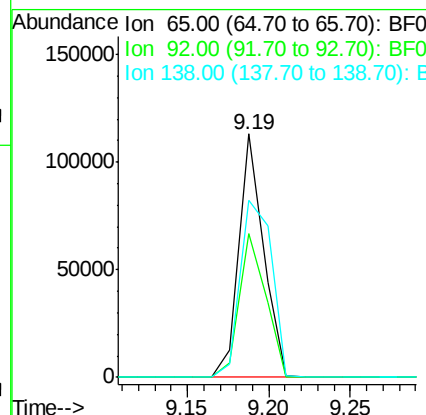
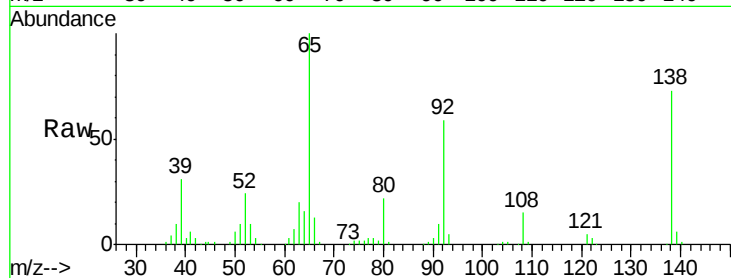
#47
2-Nitroaniline
Concen: 34.78 ng
RT: 9.19 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.1	45.6	68.4
138	73.0	57.9	86.9

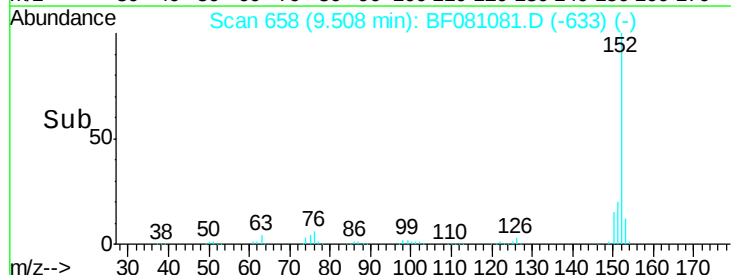
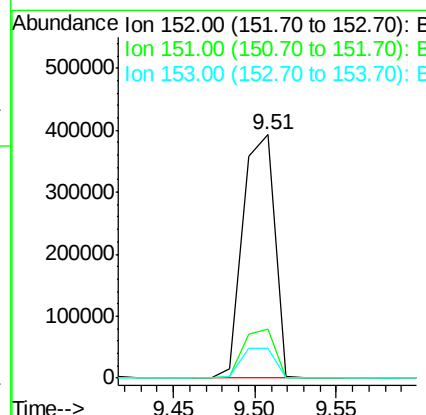
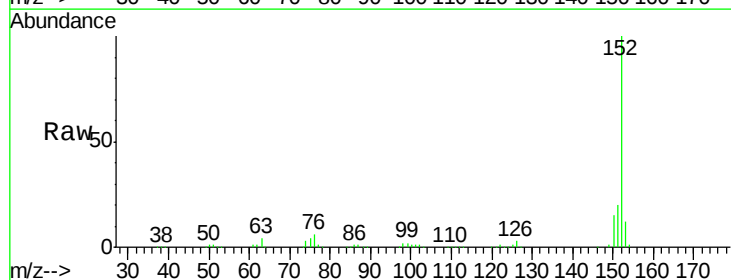
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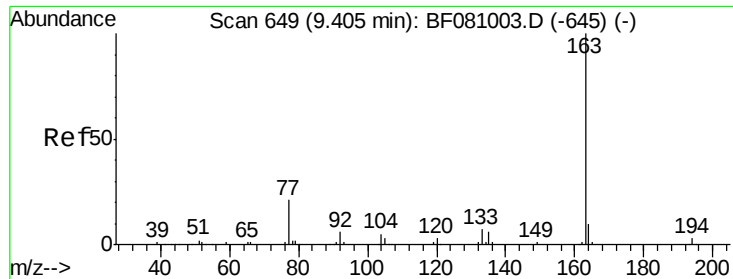
MMDadoda
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#48
Acenaphthylene
Concen: 35.71 ng
RT: 9.51 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	12.5	9.8	14.6





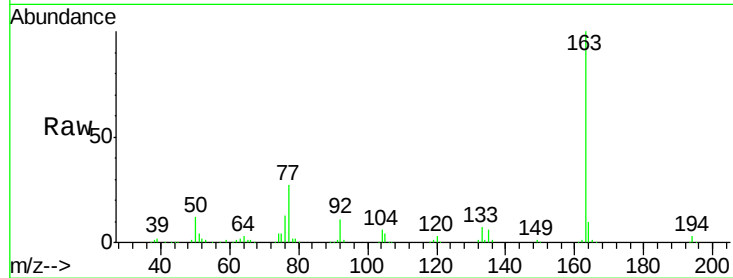
#49
Dimethylphthalate
Concen: 38.20 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

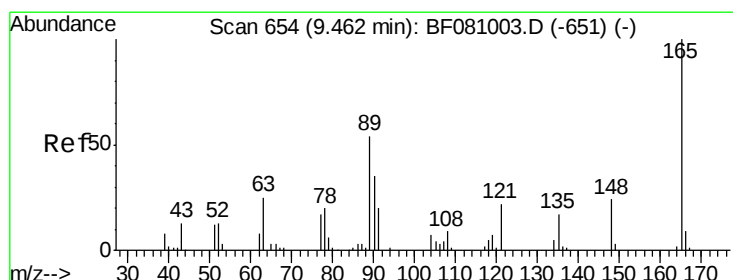
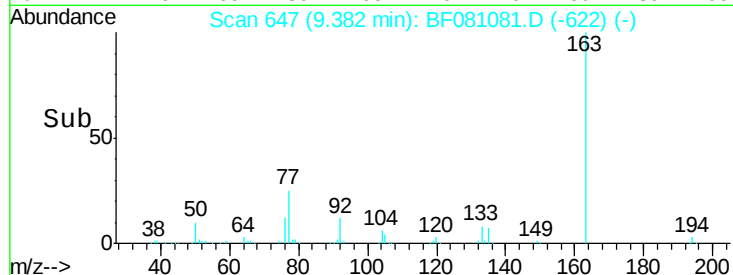
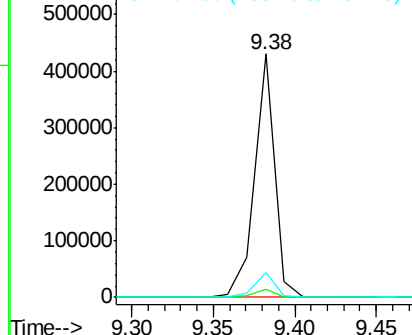
Tot Ion	Ratio	Resp	Lower	Upper
163	100	366221		
194	3.1	2.5	3.7	
164	10.1	8.1	12.1	

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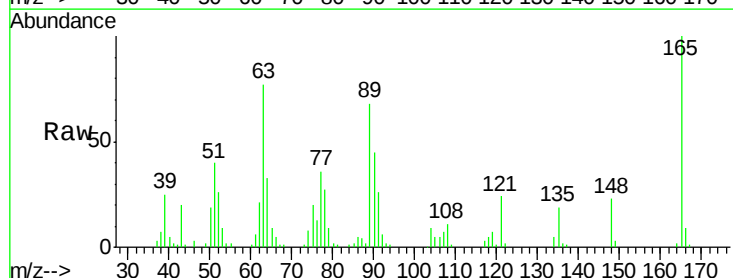


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

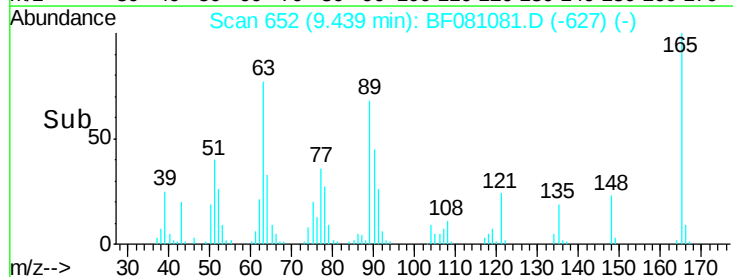
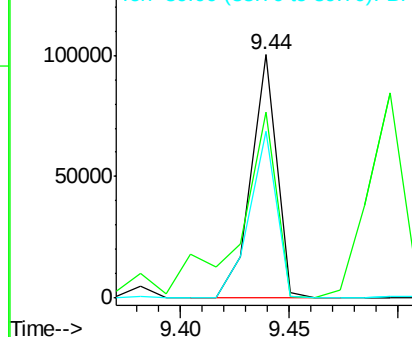


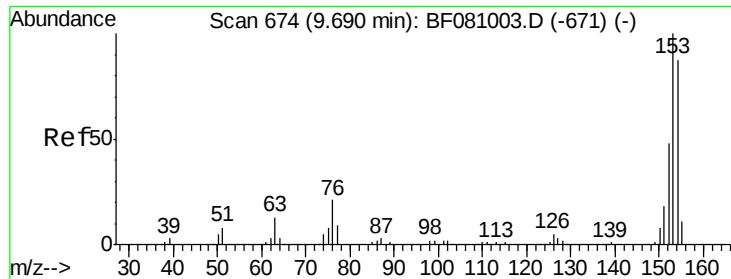
#50
2,6-Dinitrotoluene
Concen: 39.90 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	82125		
63	76.5	49.5	74.3	#
89	68.4	47.6	71.4	



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





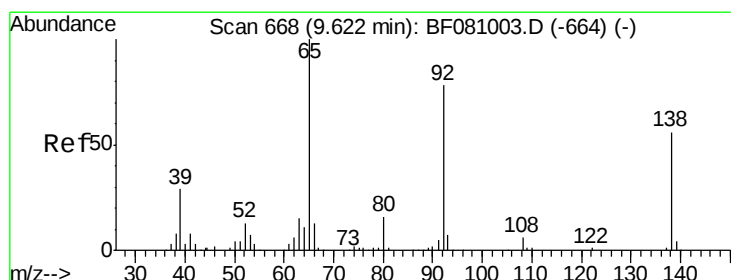
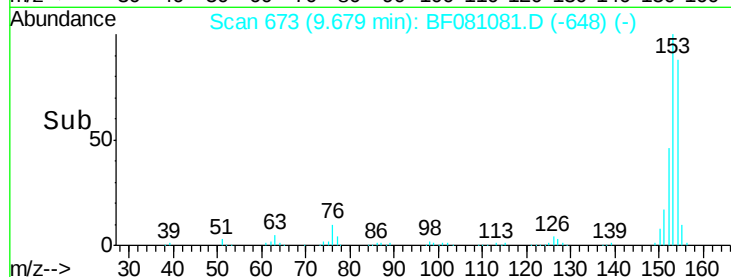
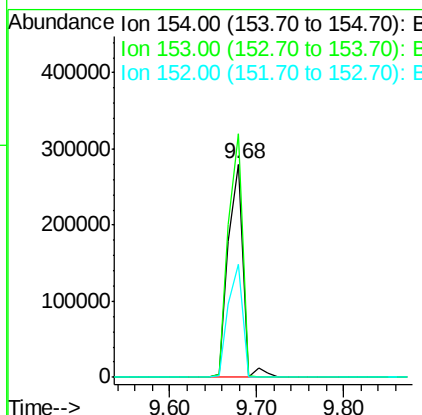
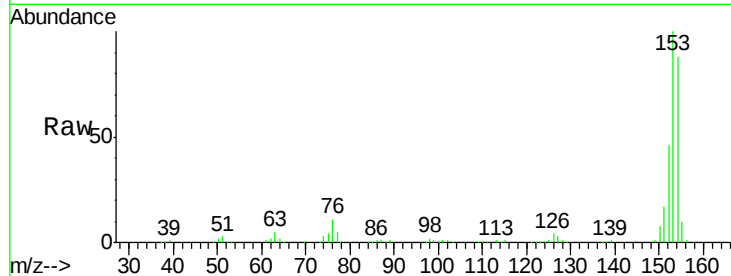
#51
Acenaphthene
Concen: 37.74 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.4	137.2
152	52.8	43.7	65.5

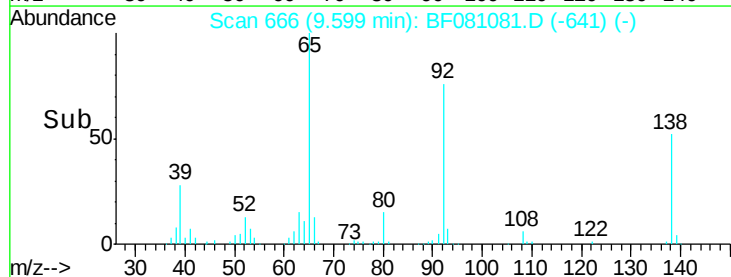
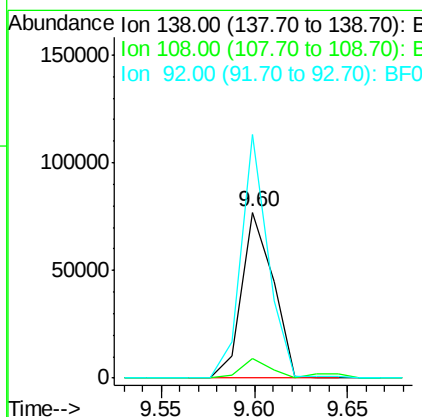
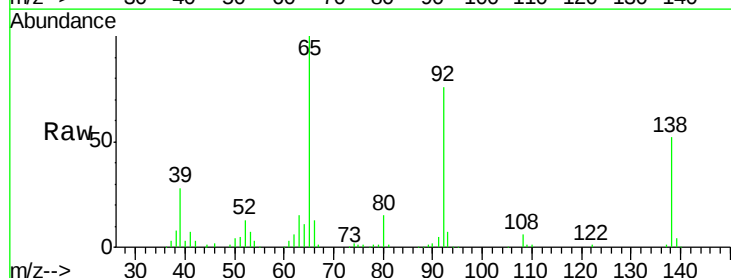
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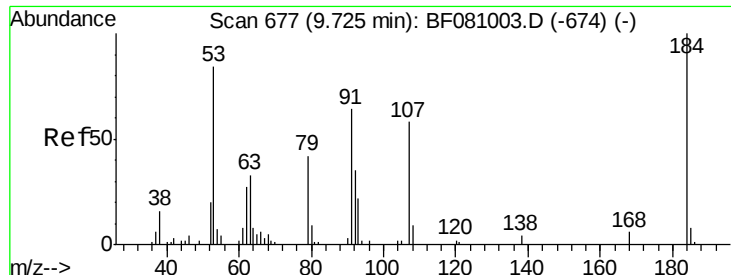
MMDadoda
8/19/2015 2:19:19 PM



#52
3-Nitroaniline
Concen: 35.28 ng
RT: 9.60 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.2
92	146.8	113.2	169.8





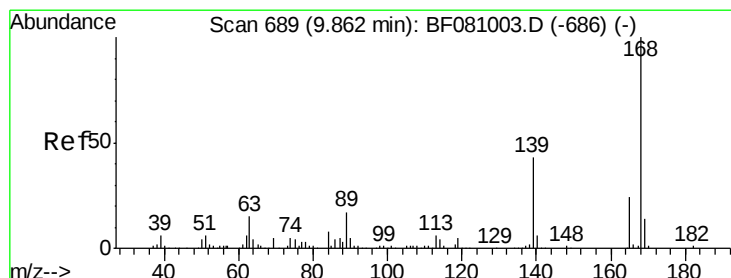
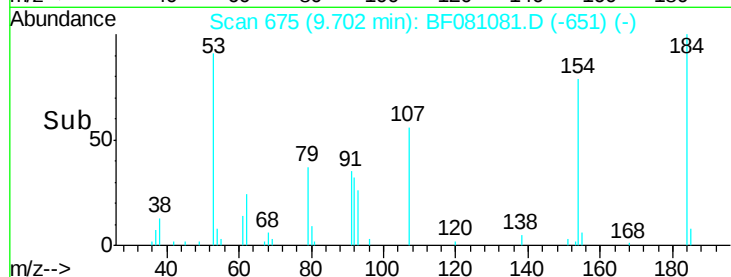
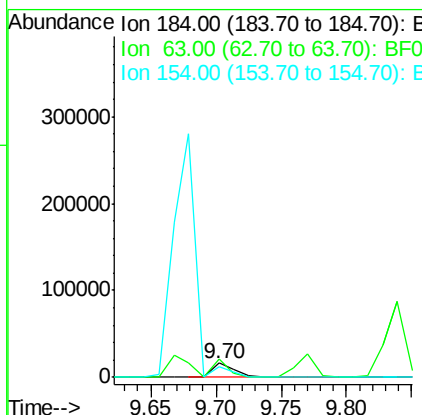
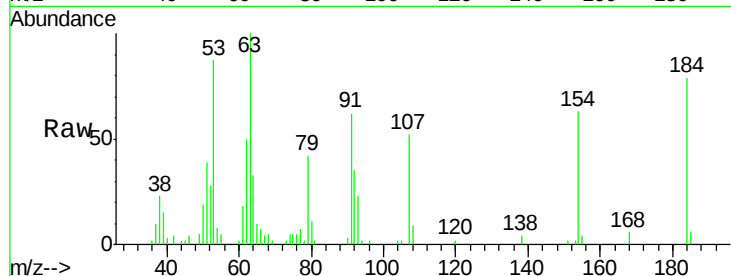
#53
2,4-Dinitrophenol
Concen: 22.22 ng
RT: 9.70 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	125.9	101.7	152.5
154	78.7	67.4	101.0

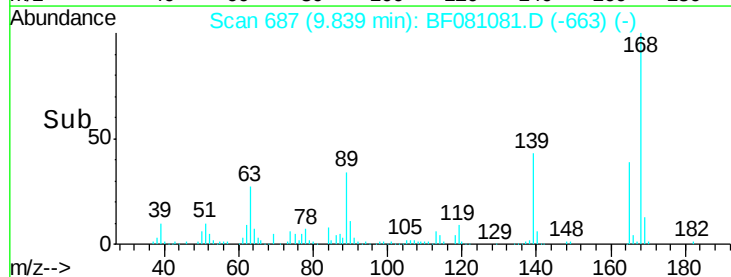
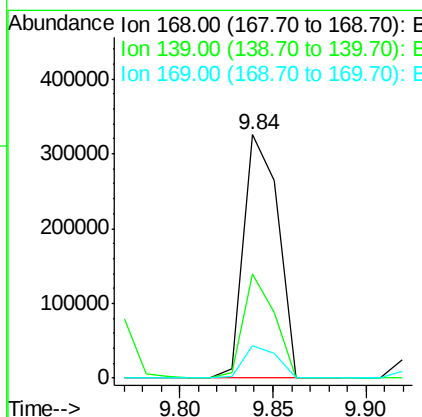
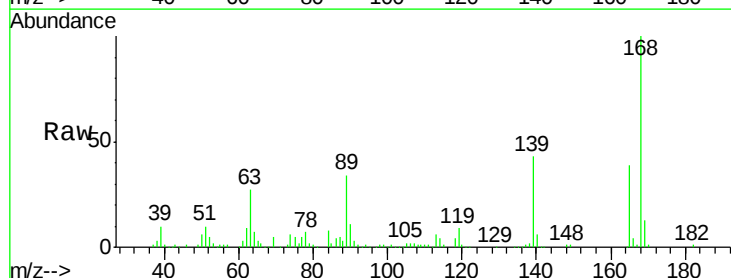
Manual Integrations
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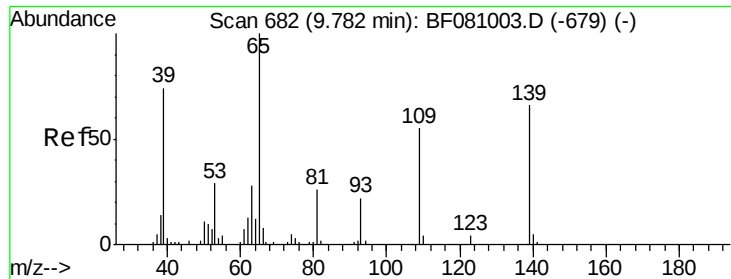
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#54
Dibenzofuran
Concen: 35.00 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	29.3	43.9
169	13.4	10.3	15.5





#55

4-Nitrophenol

Concen: 40.22 ng

RT: 9.77 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

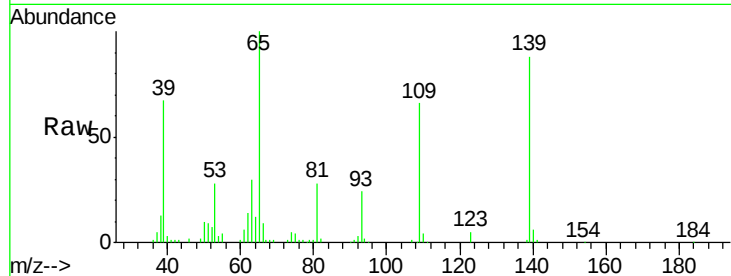
ClientSampleId :

SSTDCCC040EC

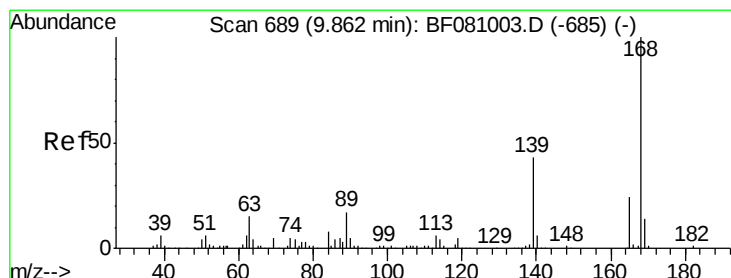
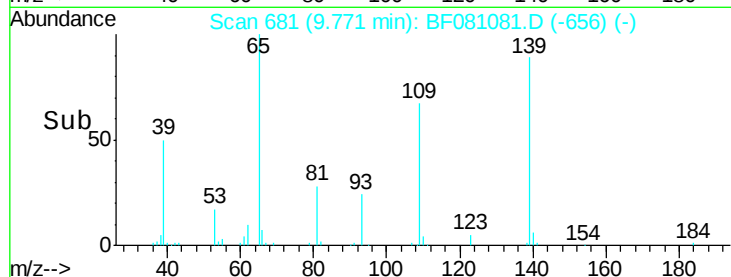
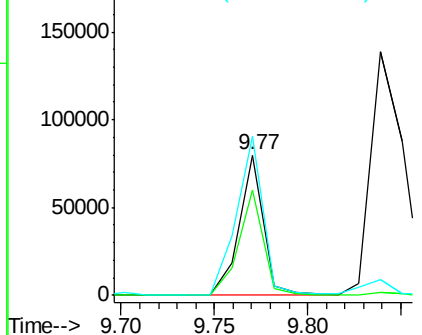
Manual Integrations
APPROVED

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

Tot Ion:	139	Resp:	72753
Ion Ratio	Lower	Upper	
139	100		
109	75.0	80.0	120.0#
65	114.0	138.3	178.3#



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



#56

2,4-Dinitrotoluene

Concen: 43.41 ng

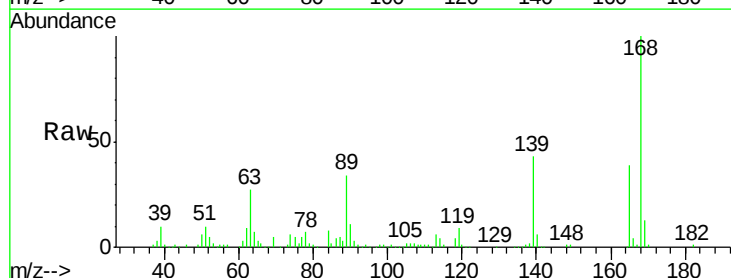
RT: 9.84 min Scan# 687

Delta R.T. -0.01 min

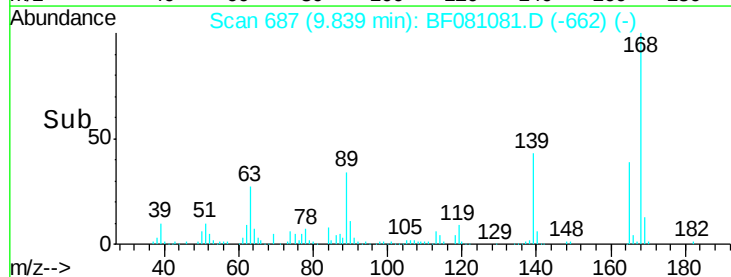
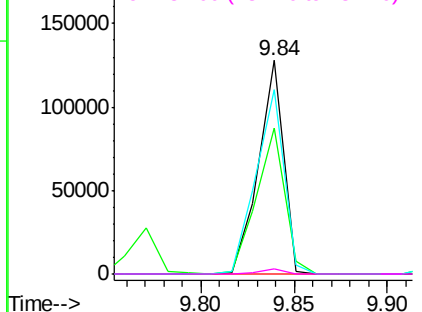
Lab File: BF081081.D

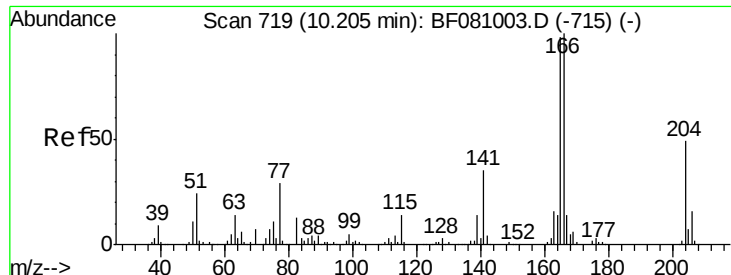
Acq: 19 Aug 2015 12:44

Tgt Ion:	165	Resp:	118437
Ion Ratio	Lower	Upper	
165	100		
63	68.0	52.2	78.4
89	86.2	60.1	90.1
182	2.2	1.8	2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





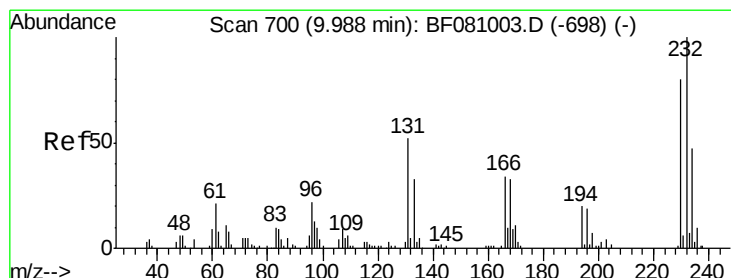
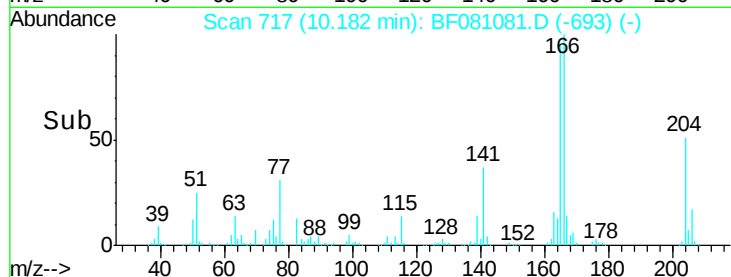
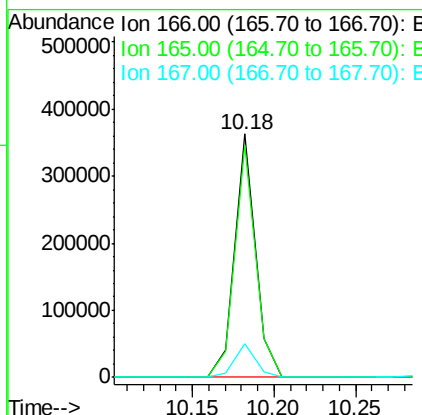
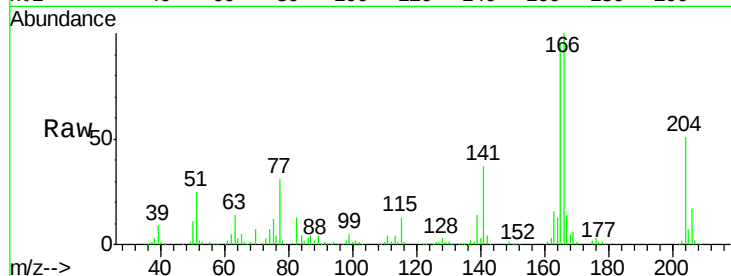
#57
Fluorene
 Concen: 34.94 ng
 RT: 10.18 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
166	100	317768		
165	95.1	75.8	113.8	
167	14.0	11.3	16.9	

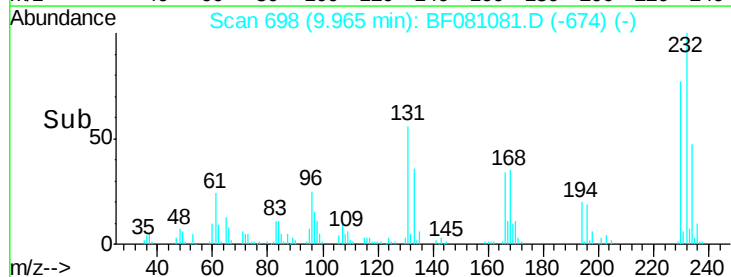
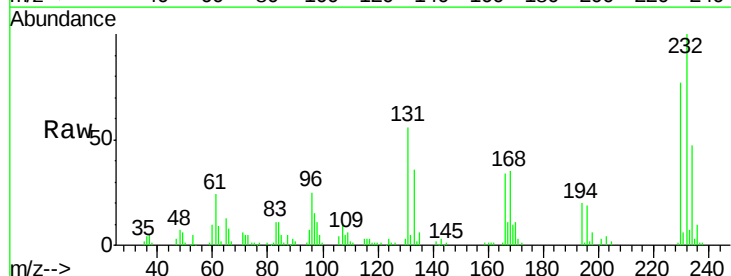
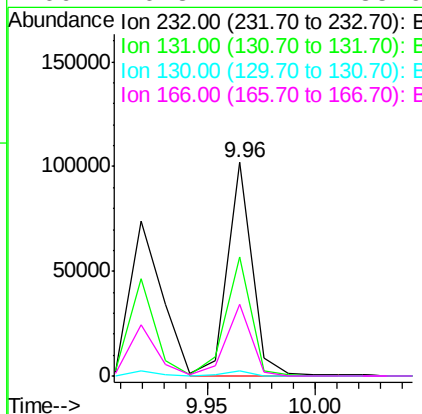
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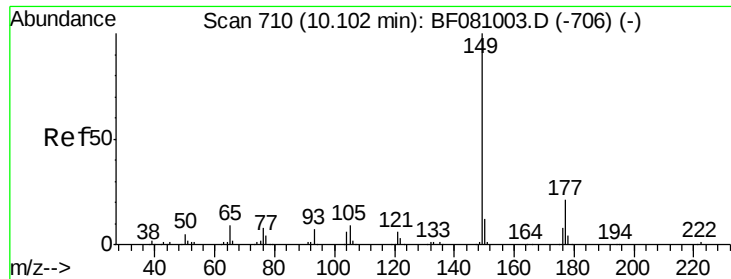
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.14 ng m
 RT: 9.96 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	82379		
131	47.6	42.2	63.4	
130	2.5	2.1	3.1	
166	26.3	22.4	33.6	





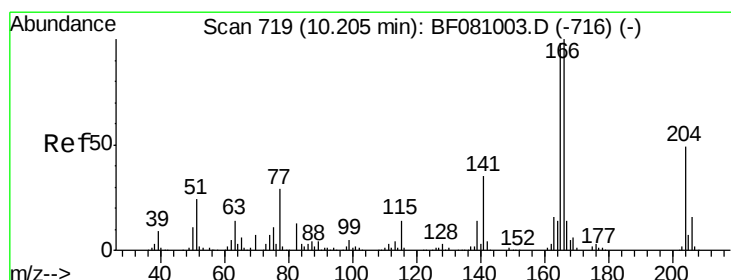
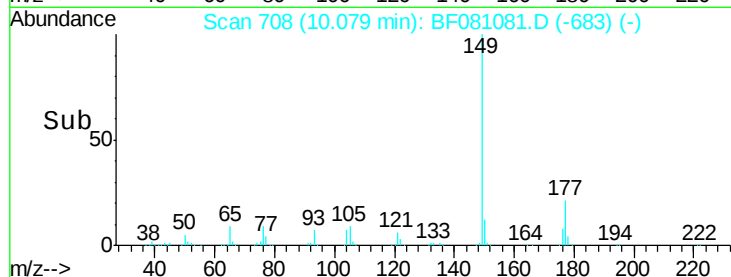
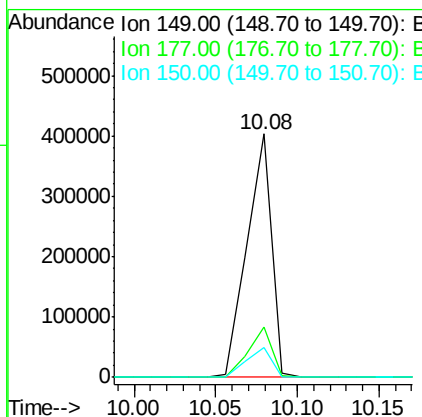
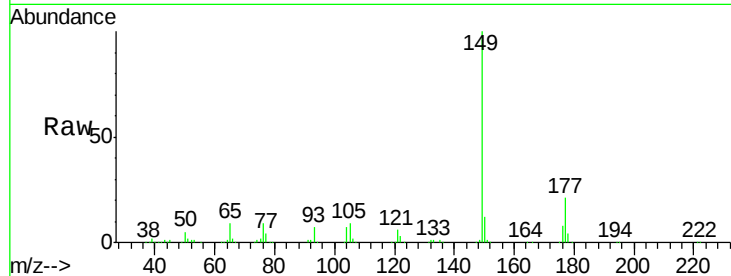
#59
Diethylphthalate
Concen: 41.57 ng
RT: 10.08 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	421845		
177	20.9		14.1	21.1
150	12.3		10.3	15.5

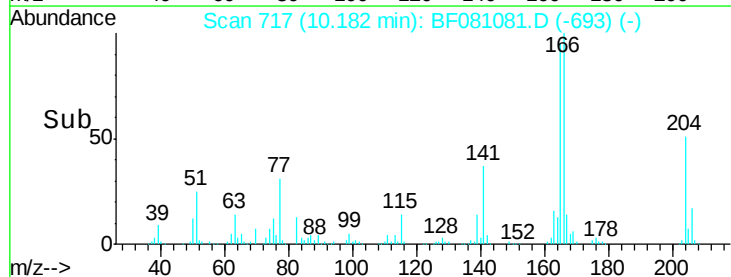
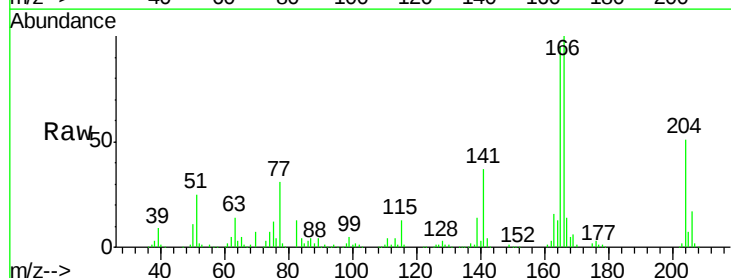
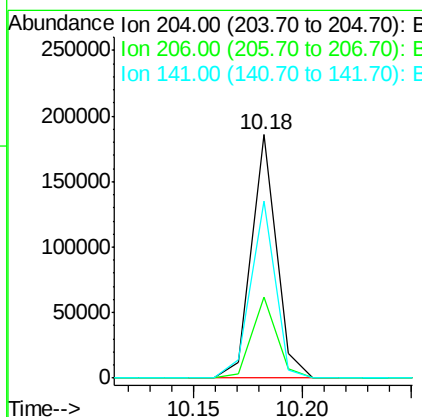
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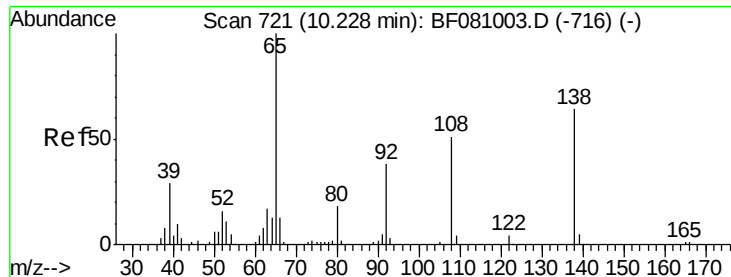
MMDadoda
8/19/2015 2:19:19 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.59 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	148514		
206	33.2		26.2	39.2
141	72.6		59.6	89.4





#61

4-Nitroaniline

Concen: 42.62 ng

RT: 10.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

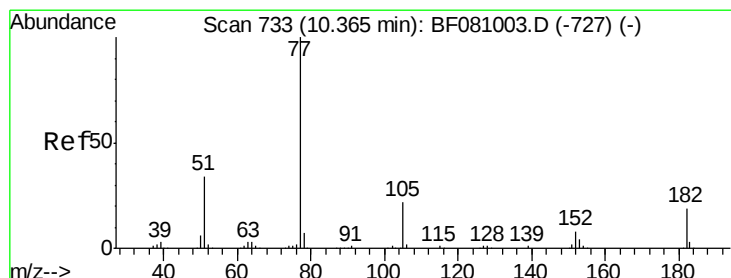
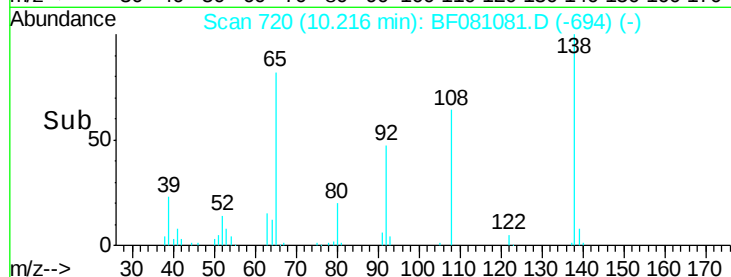
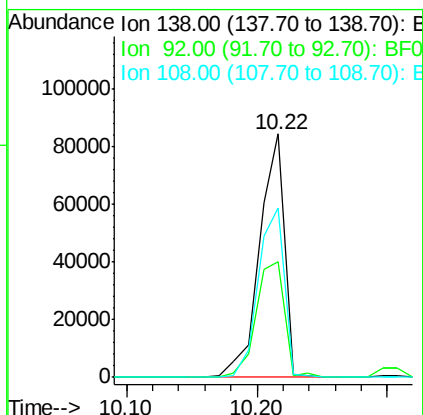
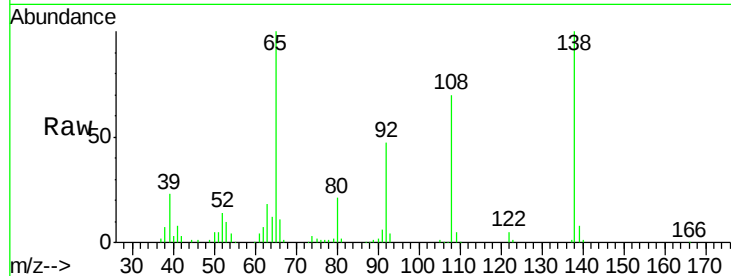
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
138	100	112193		
92	47.3	34.7	74.7	
108	69.7	68.9	108.9	

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#62

Azobenzene

Concen: 41.71 ng

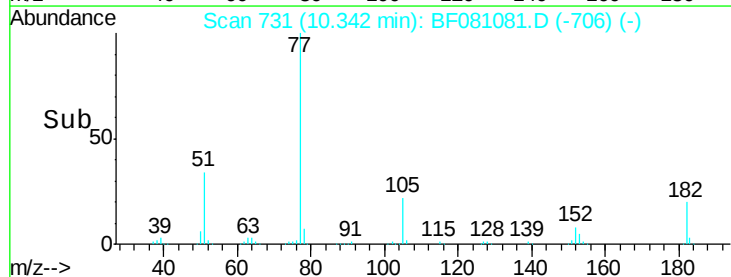
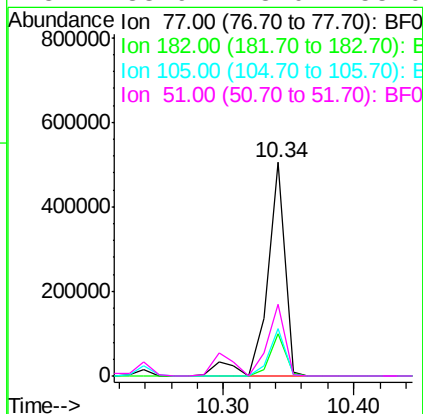
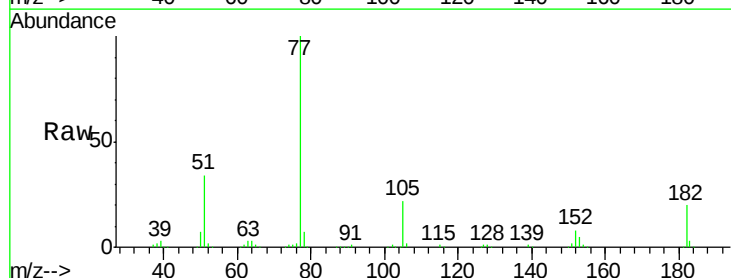
RT: 10.34 min Scan# 731

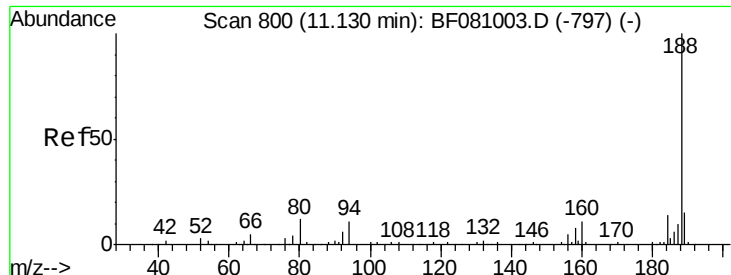
Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	487690		
182	19.5	0.0	39.0	
105	22.2	0.2	40.2	
51	33.9	18.0	58.0	





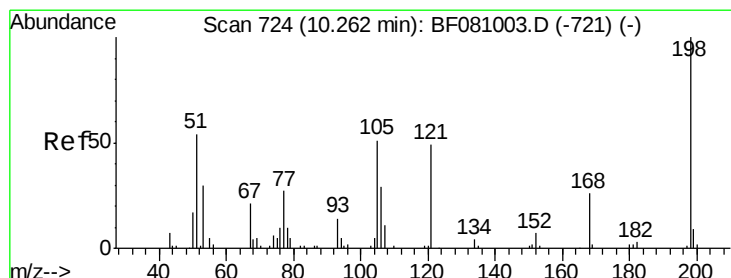
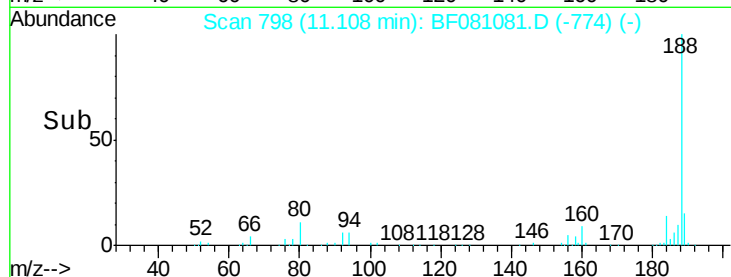
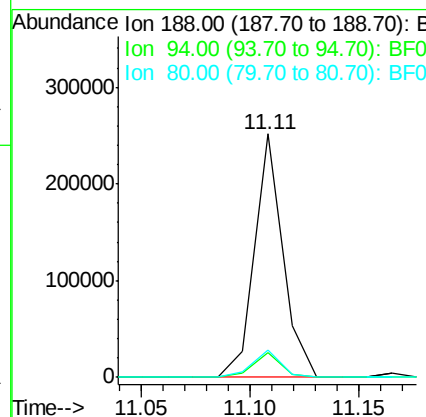
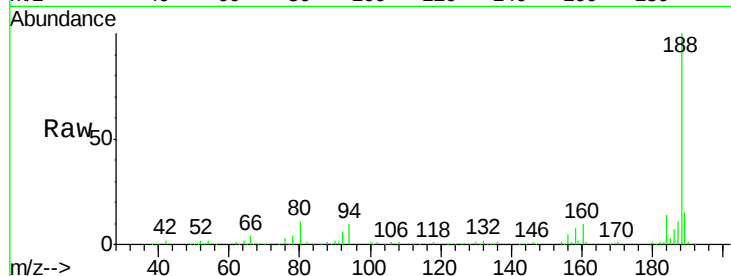
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	8.2	12.2
80	11.1	9.5	14.3

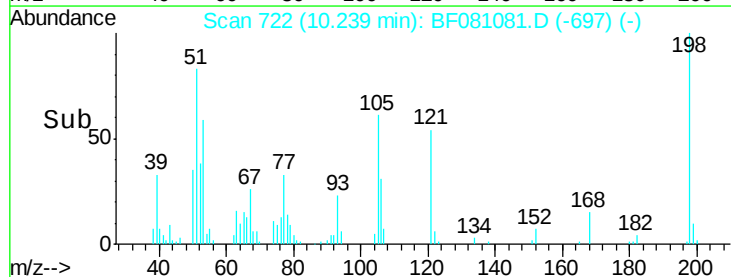
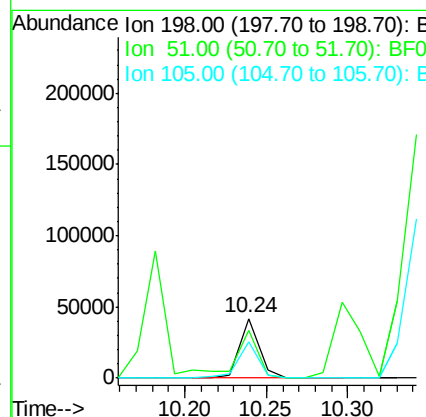
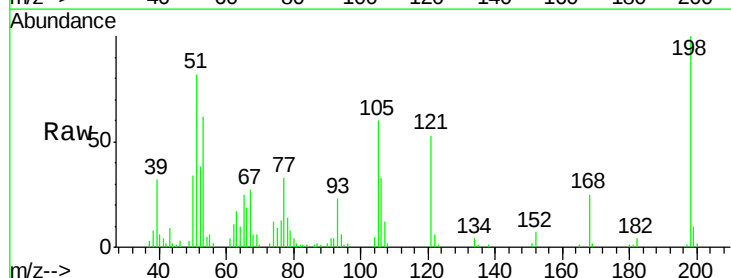
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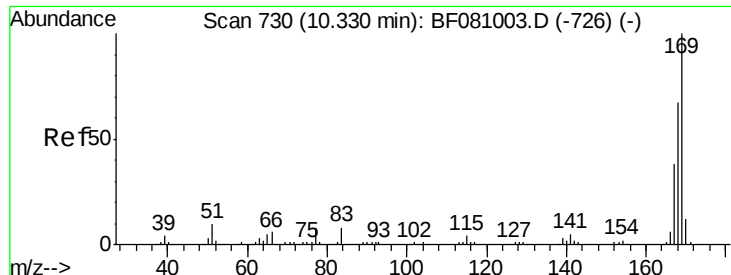
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.29 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	81.6	79.7	119.7
105	60.3	47.0	87.0





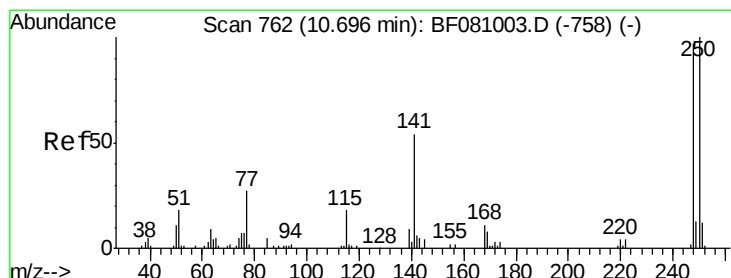
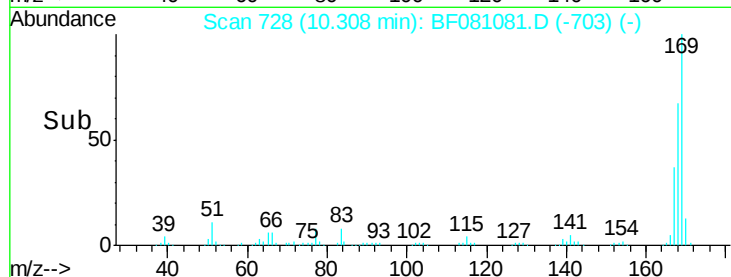
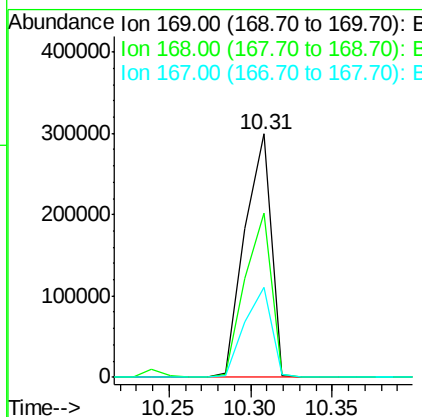
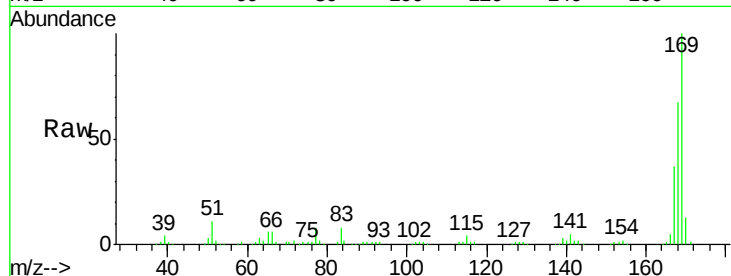
#65
n-Nitrosodiphenylamine
Concen: 41.29 ng
RT: 10.31 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	336446		
168	67.4	55.3	82.9	
167	37.2	30.8	46.2	

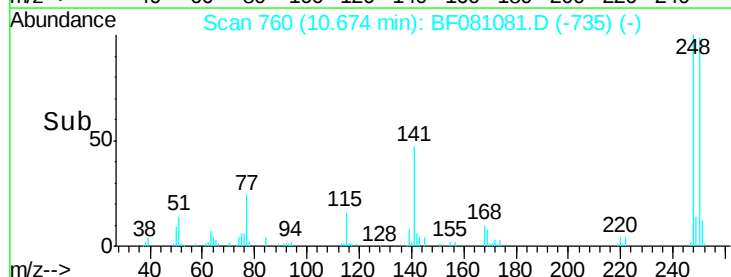
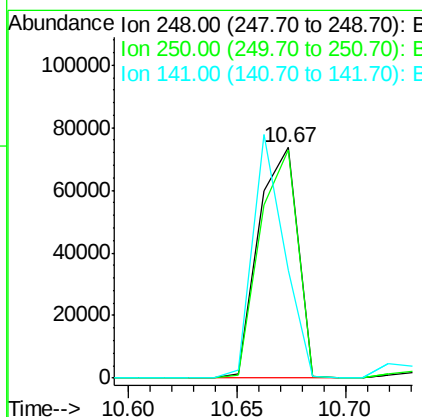
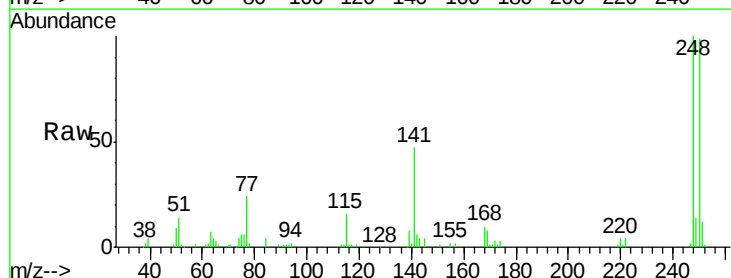
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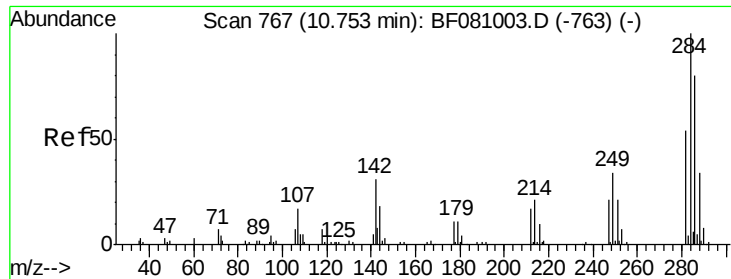
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#66
4-Bromophenyl-phenylether
Concen: 41.27 ng
RT: 10.67 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	92546		
250	99.3	77.8	116.6	
141	47.0	39.8	59.6	





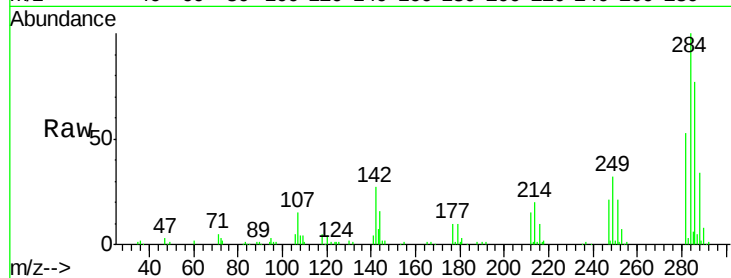
#67
Hexachlorobenzene
Concen: 42.30 ng
RT: 10.73 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

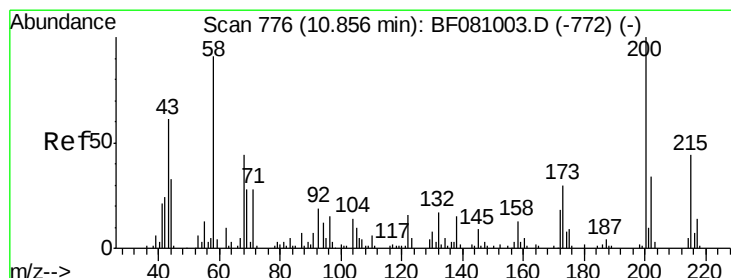
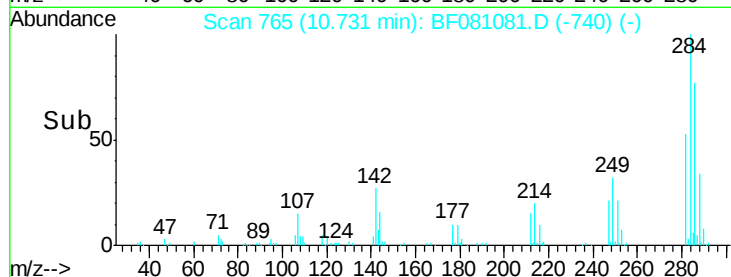
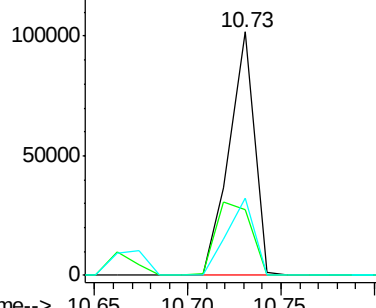
Tot Ion	Ratio	Resp	Lower	Upper
284	100	96068		
142	26.7		25.4	38.0
249	31.9		28.5	42.7

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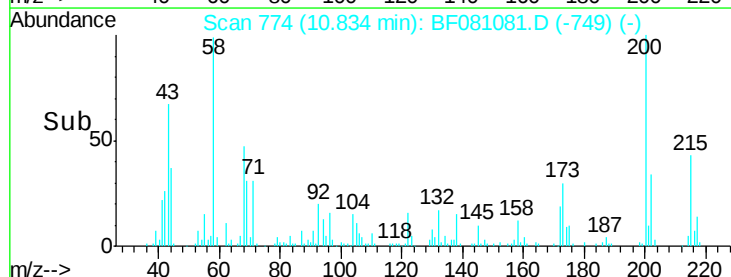
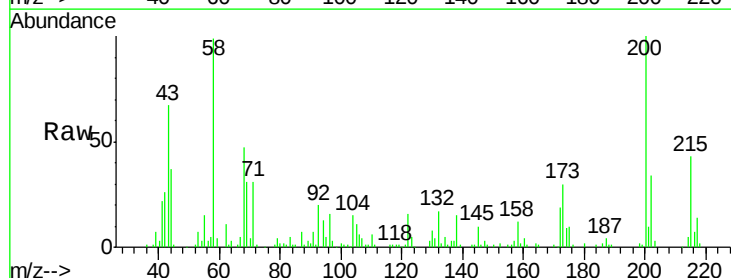
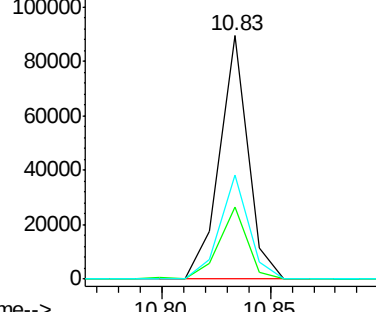
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

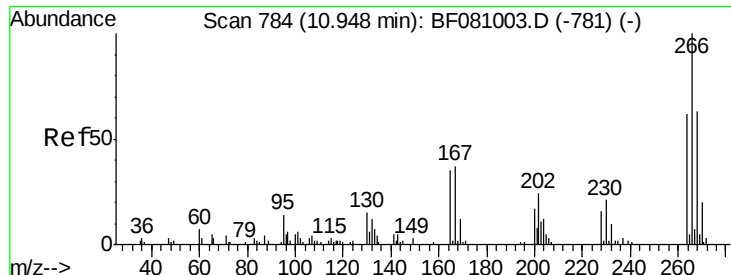


#68
Atrazine
Concen: 35.77 ng
RT: 10.83 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	81199		
173	29.7		8.1	48.1
215	43.0		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





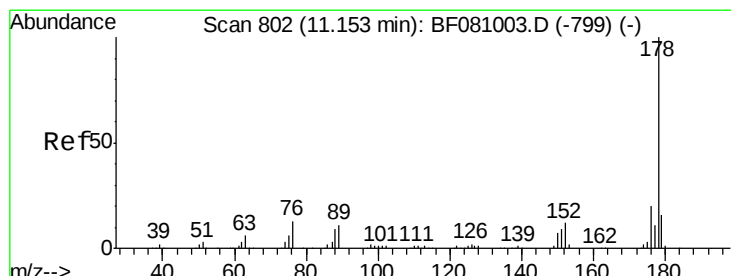
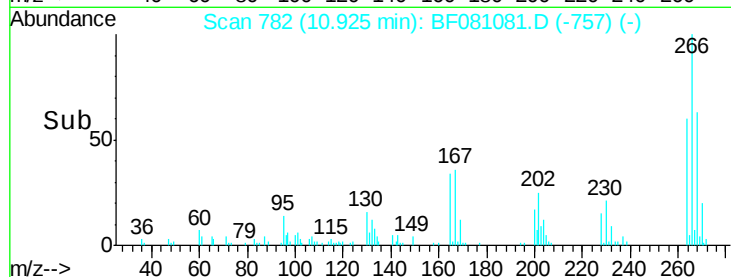
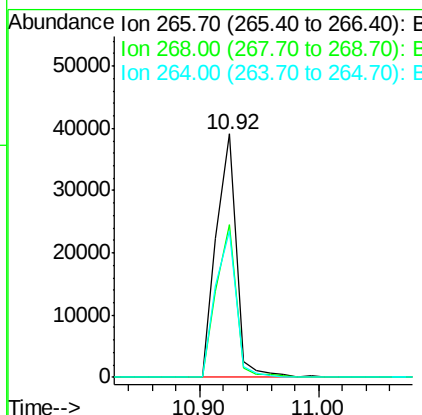
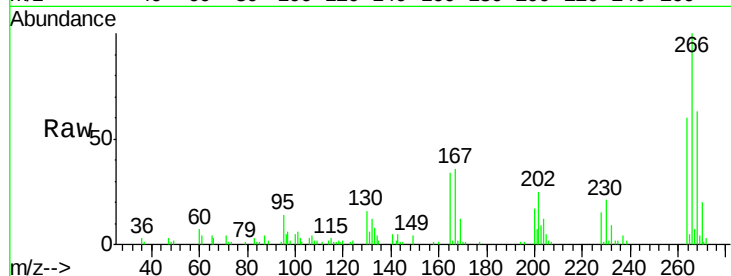
#69
 Pentachlorophenol
 Concen: 33.49 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.2	76.8
264	60.2	50.6	75.8

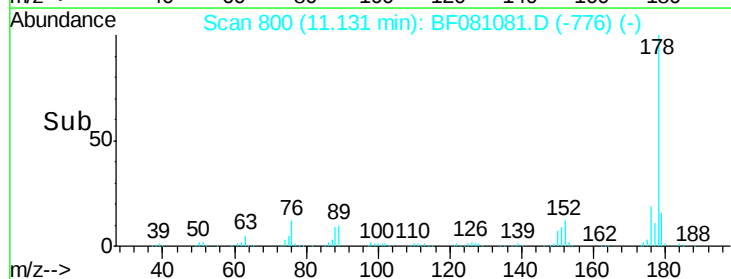
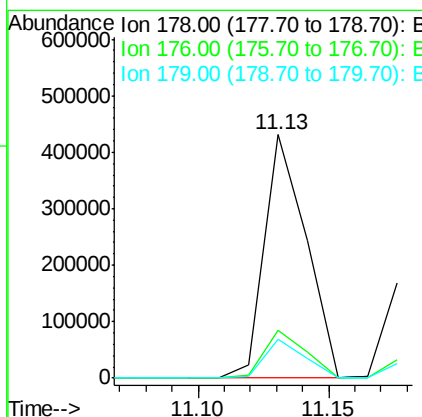
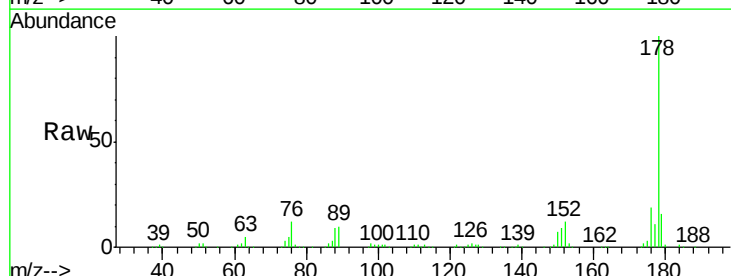
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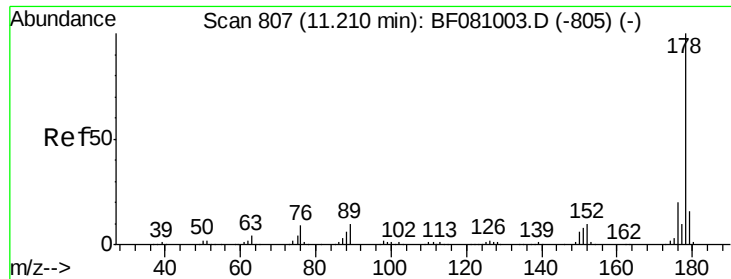
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#70
 Phenanthrene
 Concen: 35.41 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

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





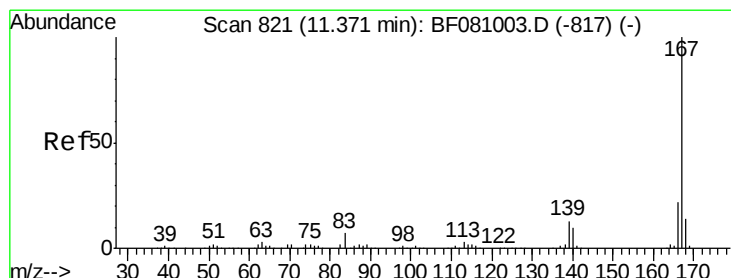
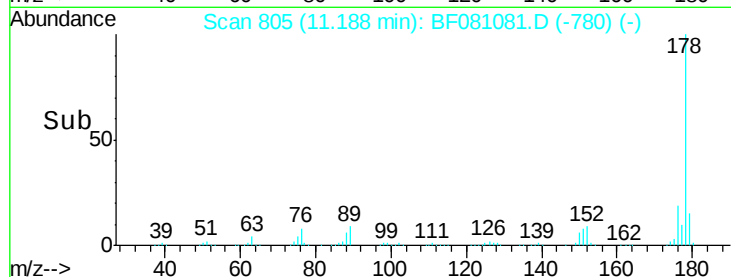
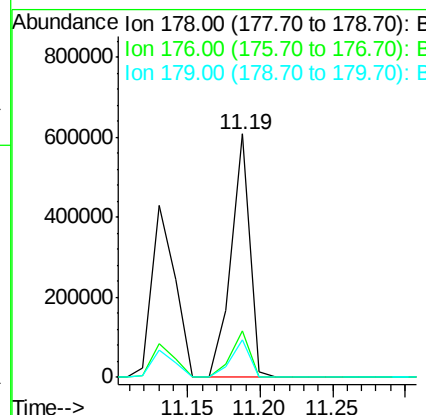
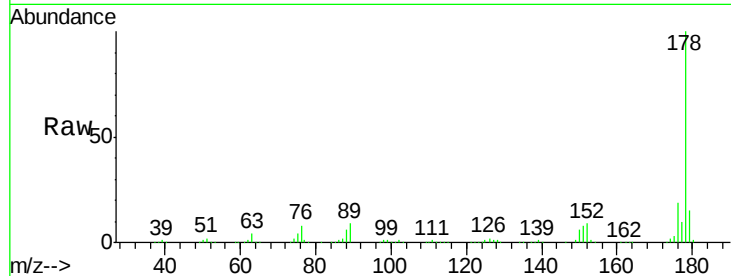
#71
 Anthracene
 Concen: 41.53 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.3	12.7	19.1

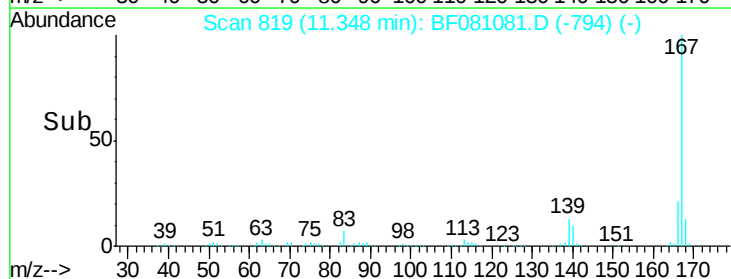
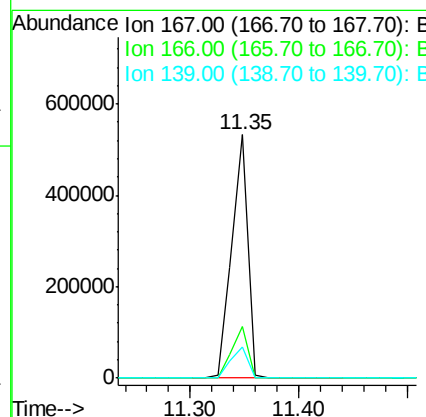
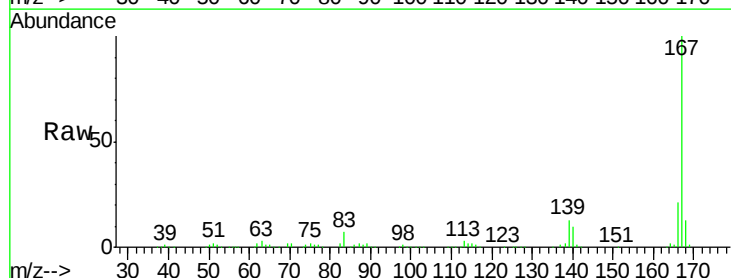
Manual Integrations
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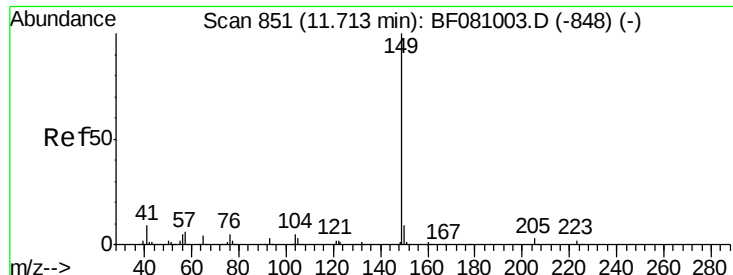
MMDadoda
 8/19/2015 2:19:19 PM



#72
 Carbazole
 Concen: 42.69 ng
 RT: 11.35 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.0	10.6	16.0





#73

Di-n-butylphthalate

Concen: 44.36 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

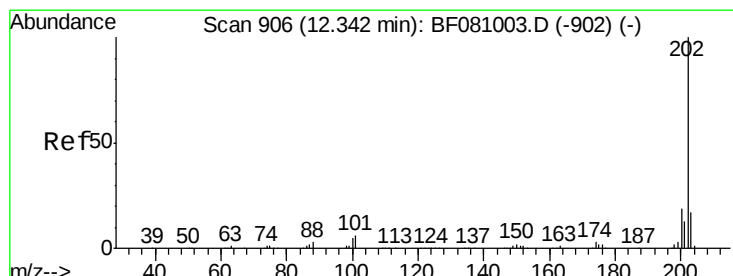
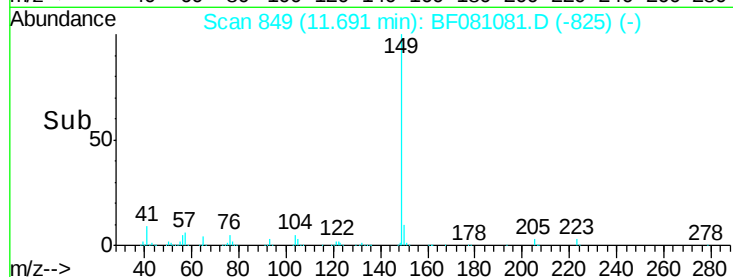
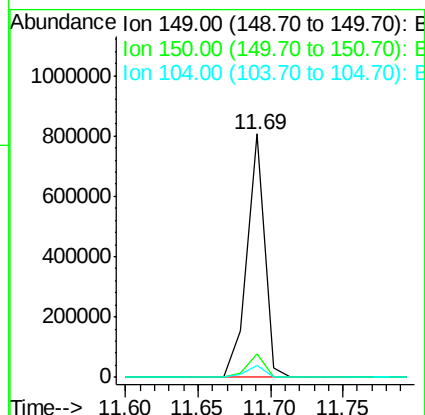
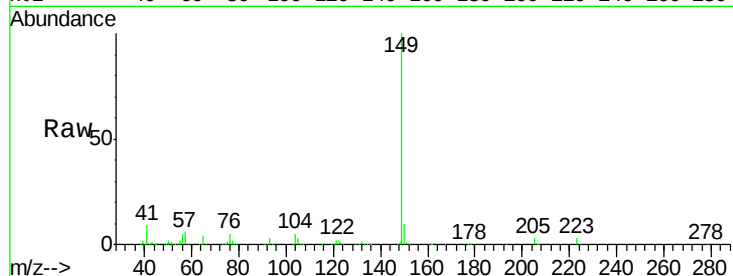
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	149	Resp:	680305
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	5.1	3.9	5.9



#74

Fluoranthene

Concen: 33.14 ng

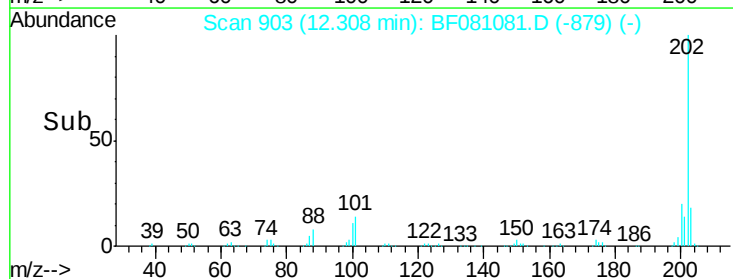
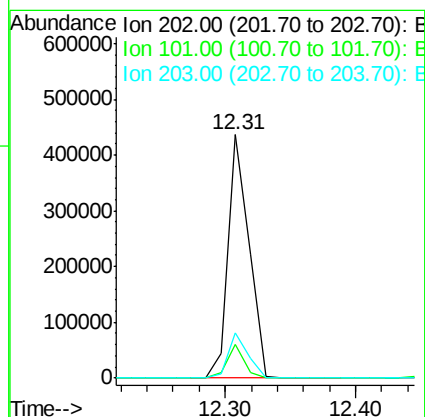
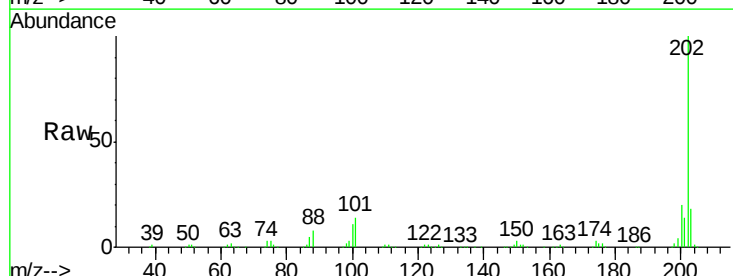
RT: 12.31 min Scan# 903

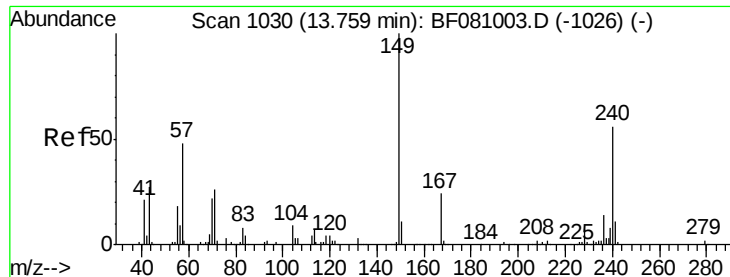
Delta R.T. -0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion:	202	Resp:	483767
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	24.8
203	18.4	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

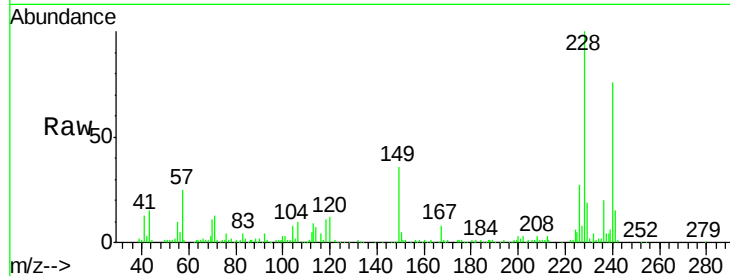
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.6	8.4#
236	26.4	20.6	30.8

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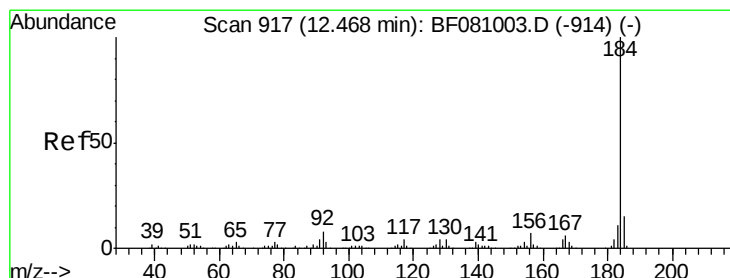
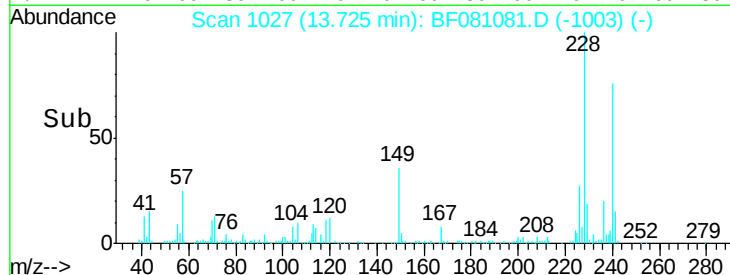
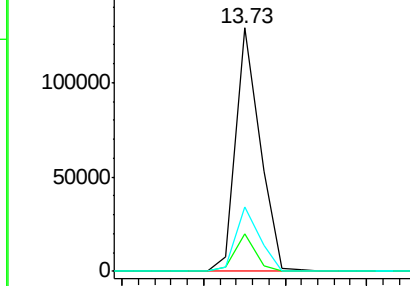
MMDadoda
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.29 ng

RT: 12.45 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081081.D

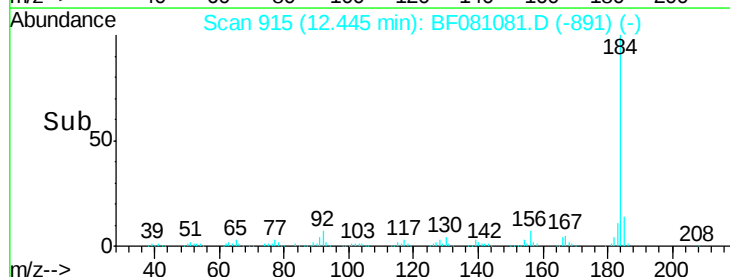
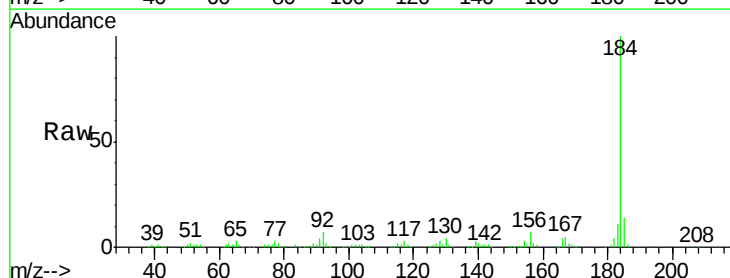
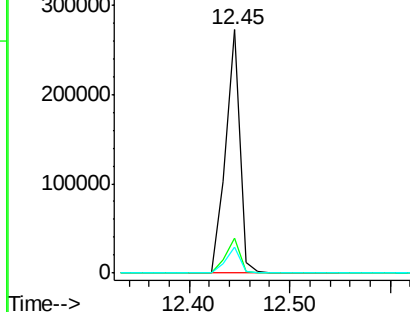
Acq: 19 Aug 2015 12:44

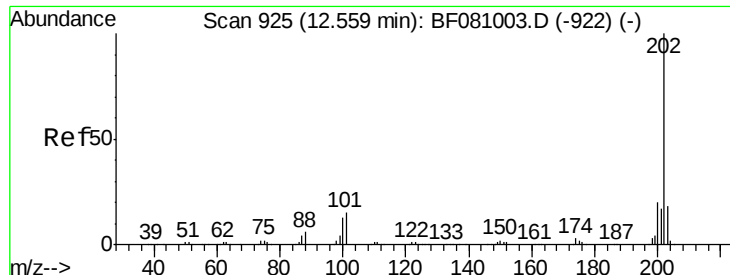
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.0	18.0
183	10.6	8.9	13.3

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.68 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

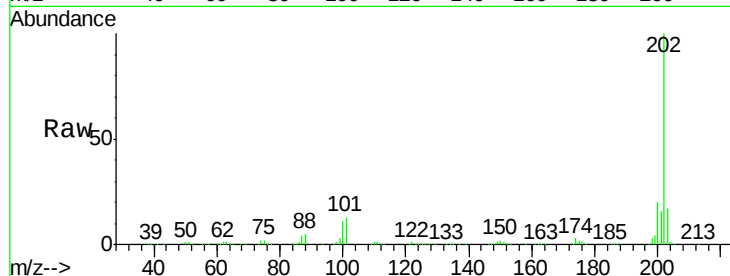
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	520554
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.6	24.8
203	17.4	14.1	21.1

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

12.54

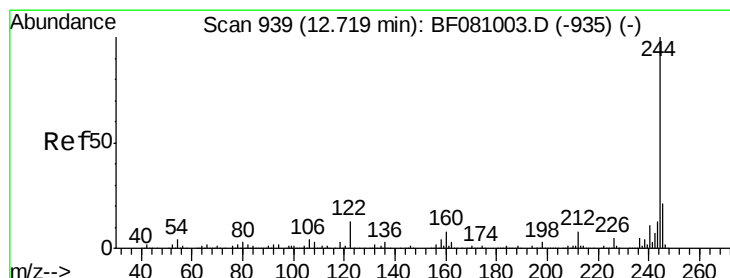
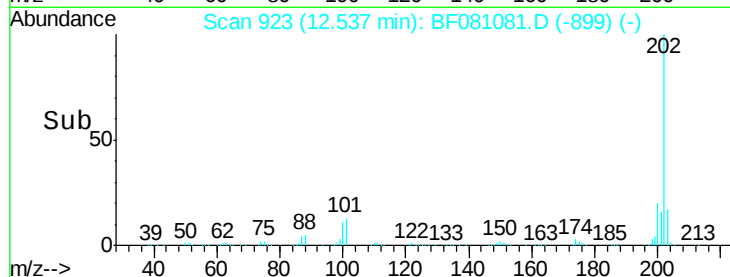
600000

400000

200000

0

Time-->



#78

Terphenyl-d14

Concen: 110.71 ng

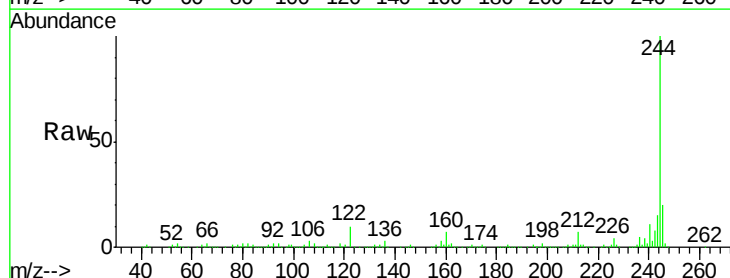
RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion:	244	Resp:	679254
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.8
122	9.6	8.2	12.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.70

800000

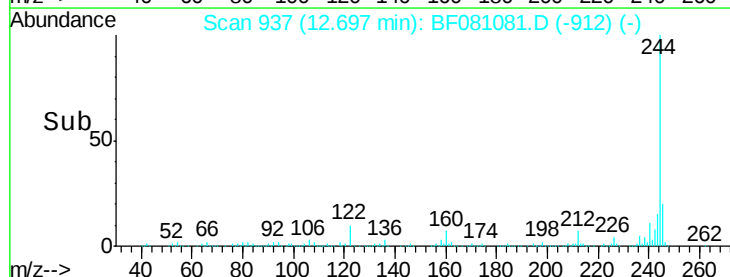
600000

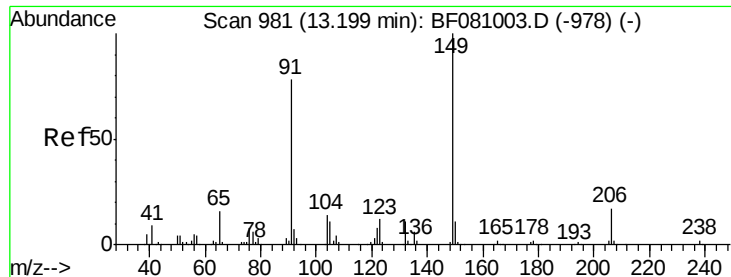
400000

200000

0

Time-->





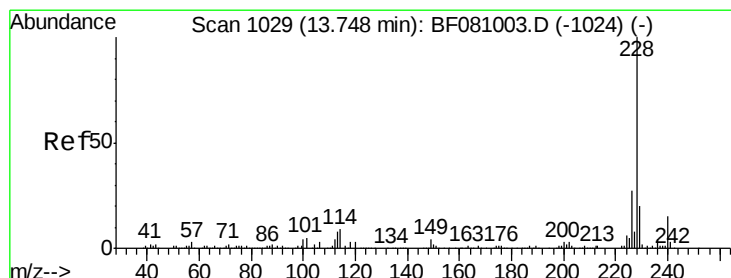
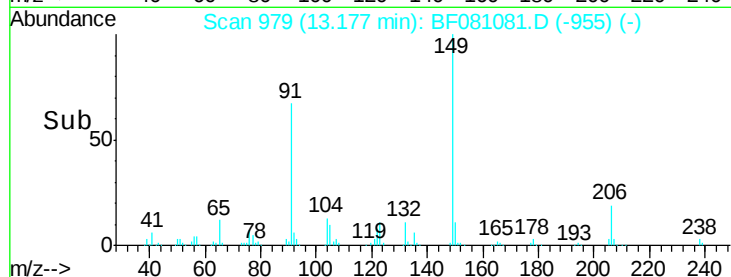
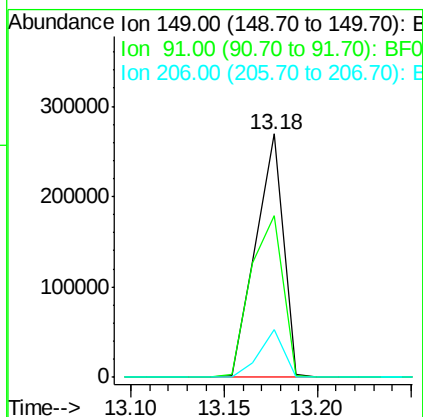
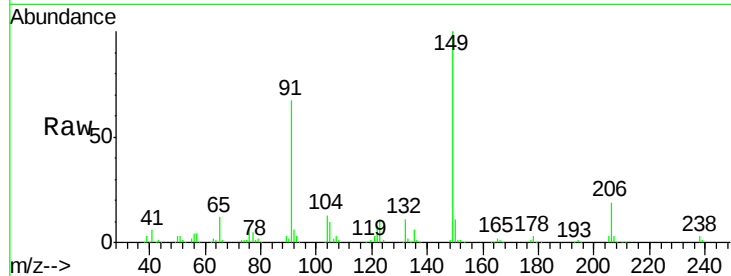
#79
Butylbenzylphthalate
Concen: 60.08 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	276147		
91	66.7	46.9	70.3	
206	19.5	17.0	25.4	

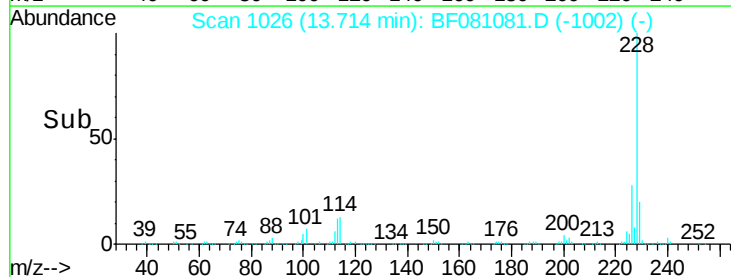
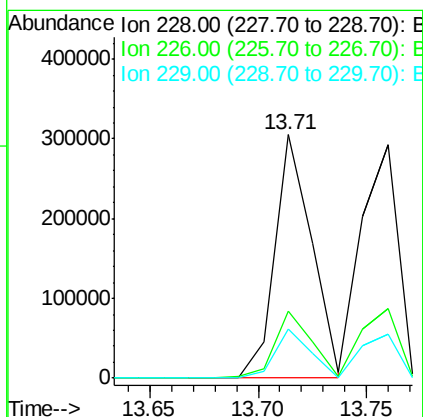
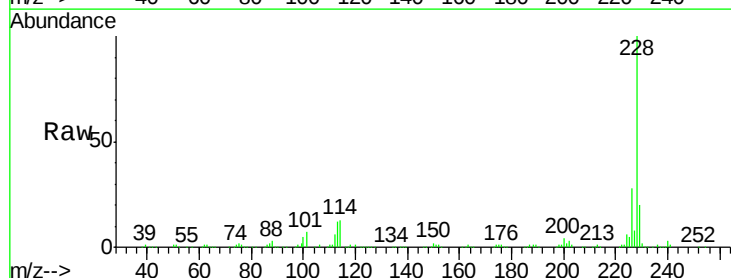
Manual Integrations
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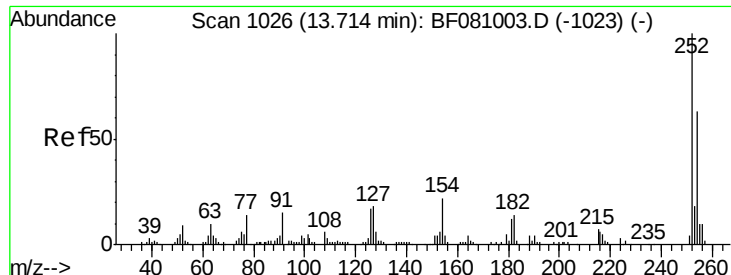
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#80
Benzo(a)anthracene
Concen: 41.12 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	362766		
226	27.6	22.3	33.5	
229	20.3	15.9	23.9	





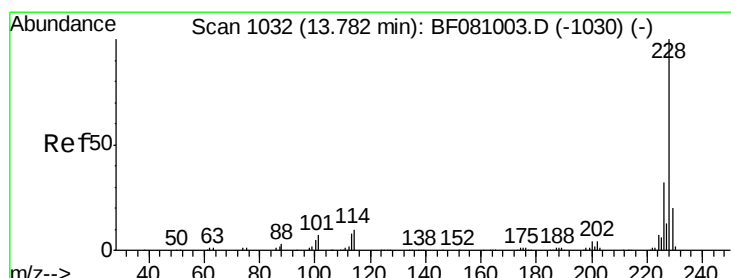
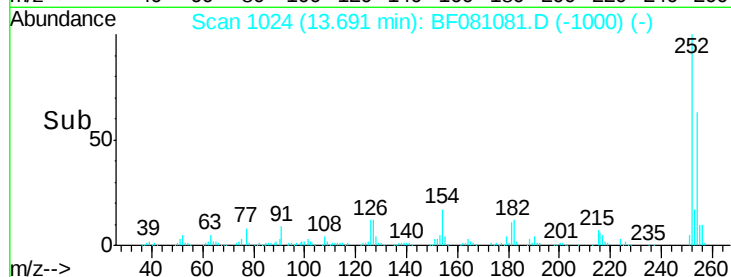
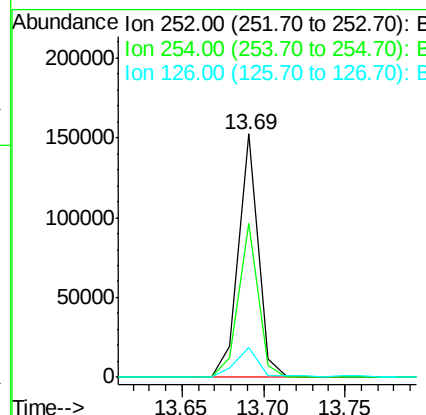
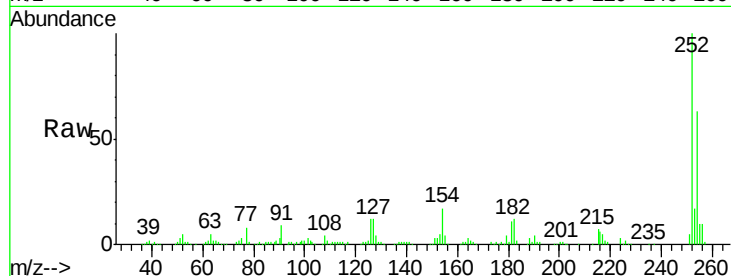
#81
 3,3'-Dichlorobenzidine
 Concen: 44.36 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.4	51.5	77.3
126	12.2	12.5	18.7#

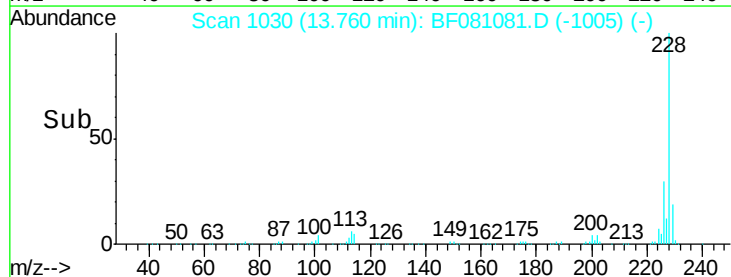
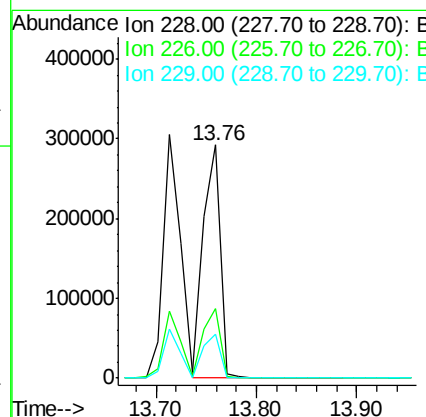
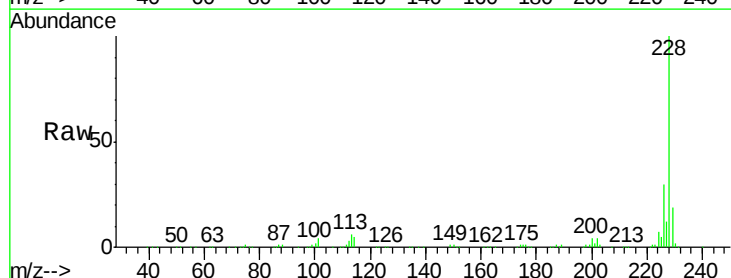
Manual Integrations
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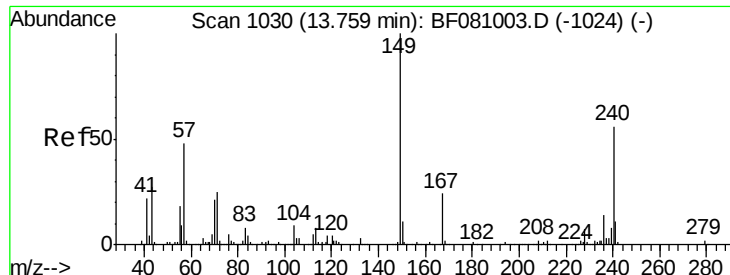
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#82
 Chrysene
 Concen: 43.64 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.1	16.0	24.0





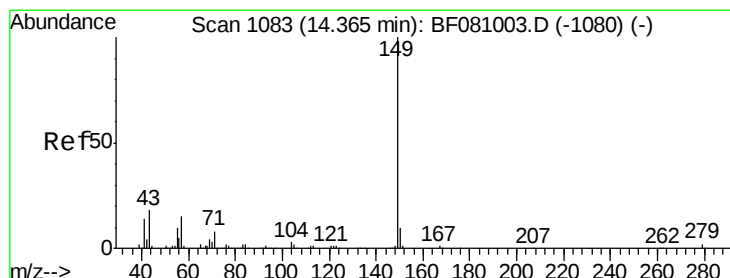
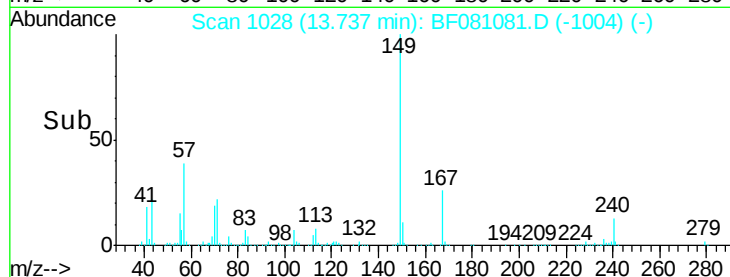
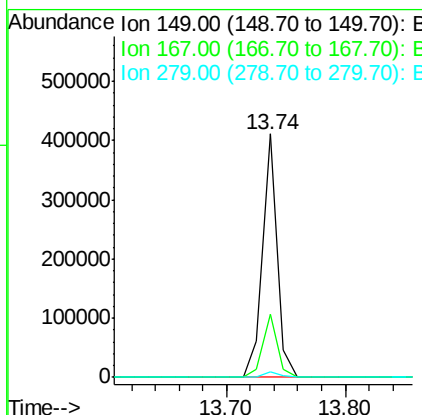
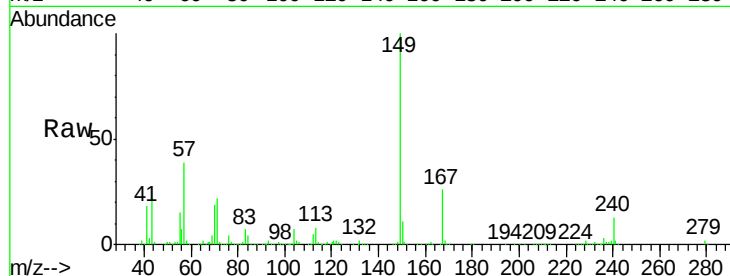
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.86 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	358307		
167	25.8	20.7	31.1	
279	2.1	2.2	3.4	

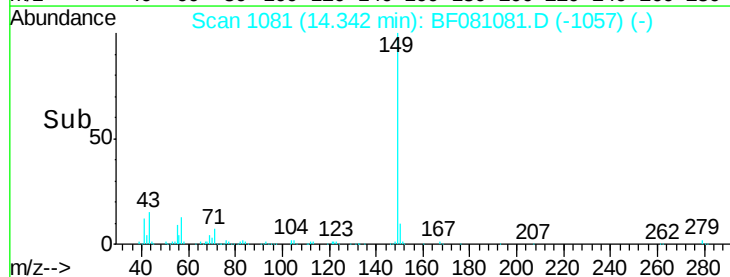
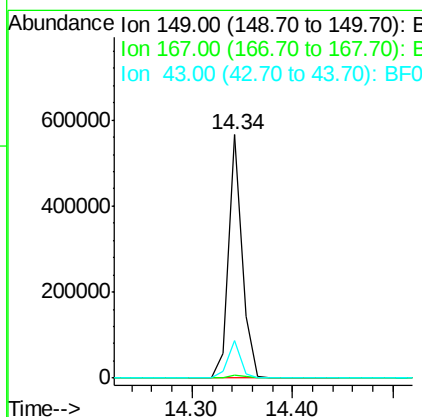
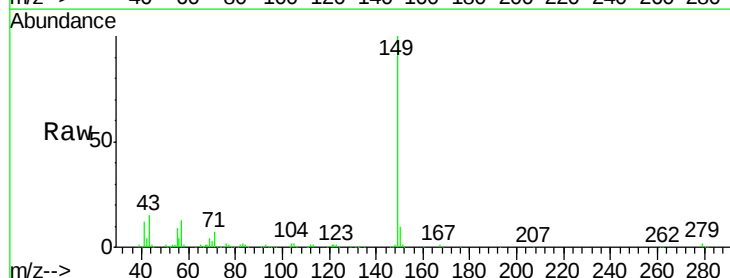
Manual Integrations
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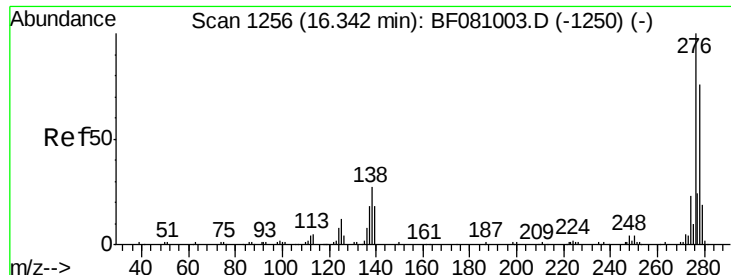
MMDadoda
 8/19/2015 2:19:19 PM



#84
 Di-n-octyl phthalate
 Concen: 59.19 ng
 RT: 14.34 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	529681		
167	1.5	1.1	1.7	
43	14.5	11.6	17.4	





#85

Indeno(1,2,3-cd)pyrene

Concen: 62.82 ng

RT: 16.30 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 350617

Ion Ratio Lower Upper

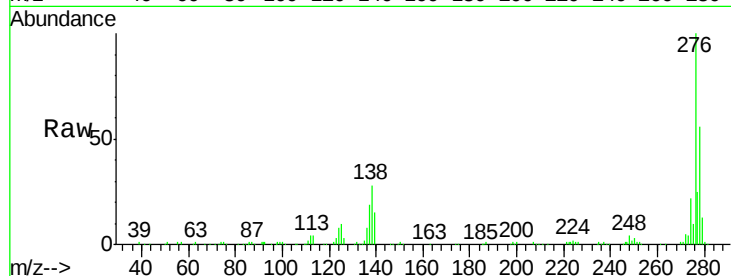
276 100

138 29.5 18.6 28.0#

277 24.8 19.8 29.8

Manual Integrations
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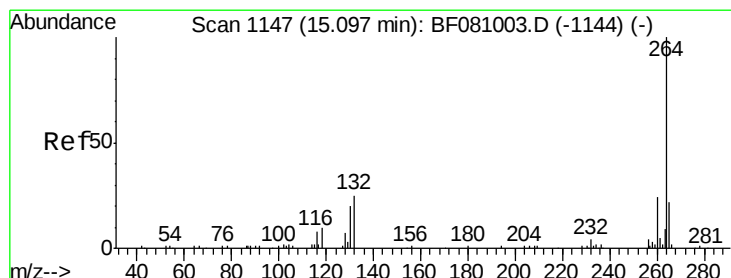
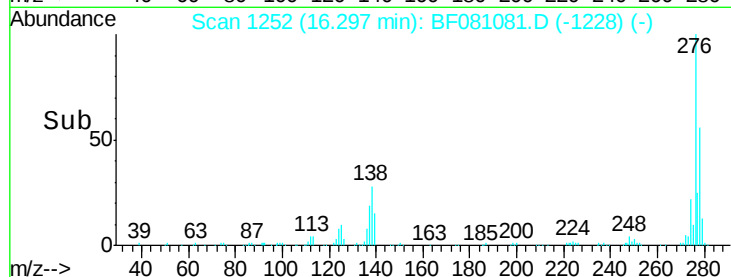
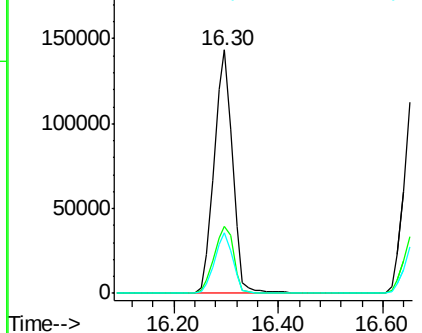
MMDadoda
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

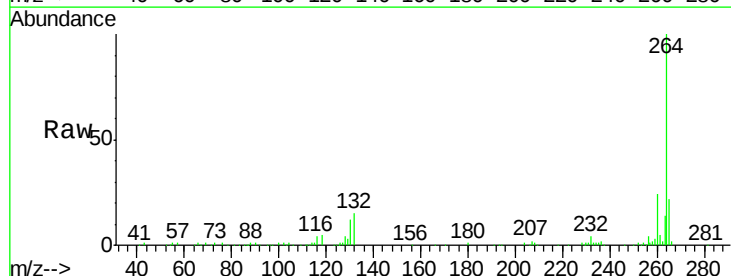
Tgt Ion:264 Resp: 130514

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

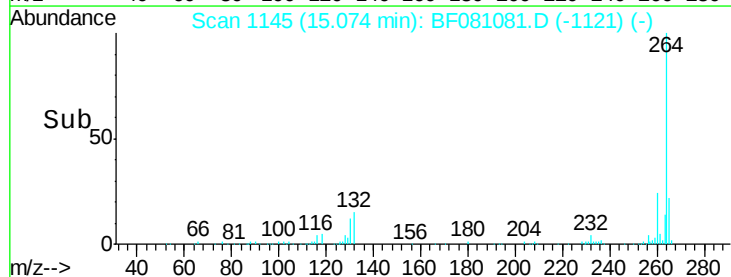
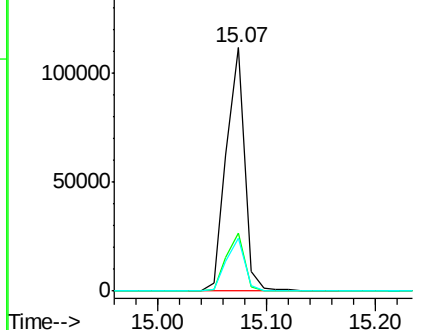
265 21.9 17.5 26.3

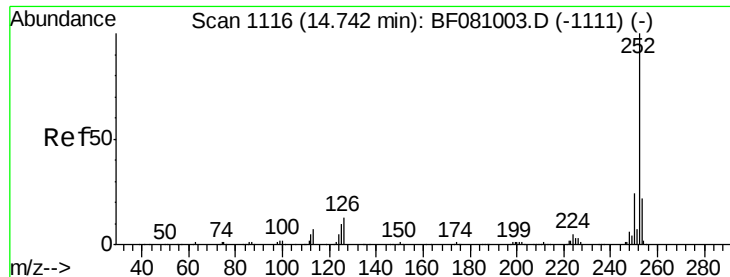


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.65 ng m

RT: 14.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Instrument :

BNA_F

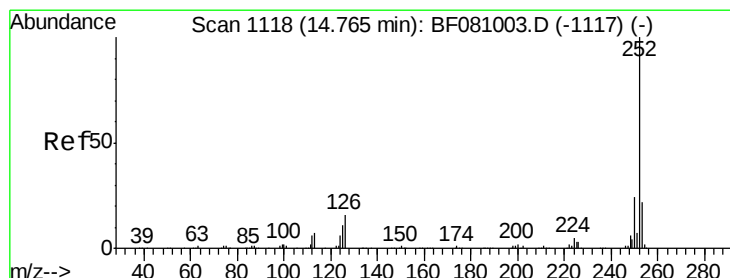
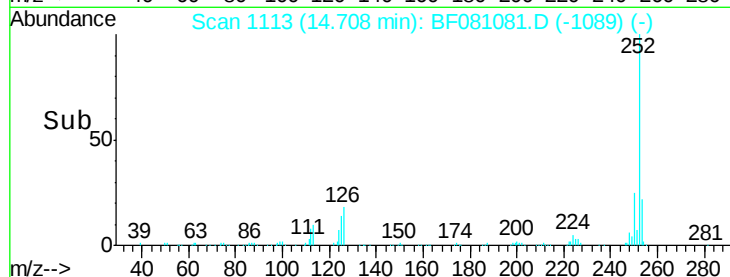
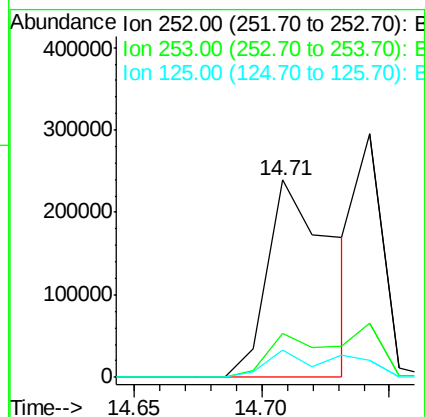
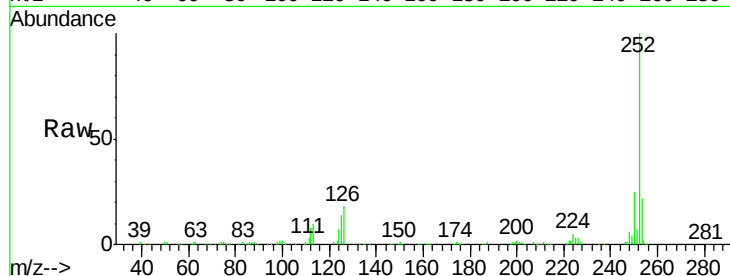
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.6	8.0	12.0#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 24.88 ng m

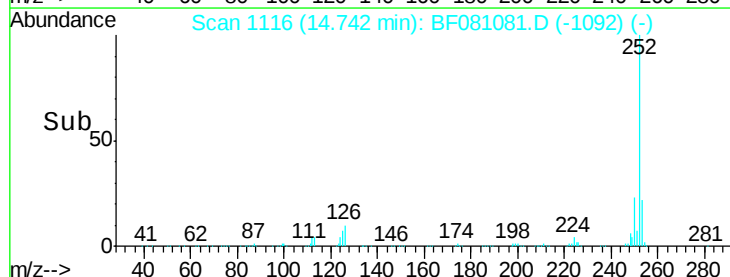
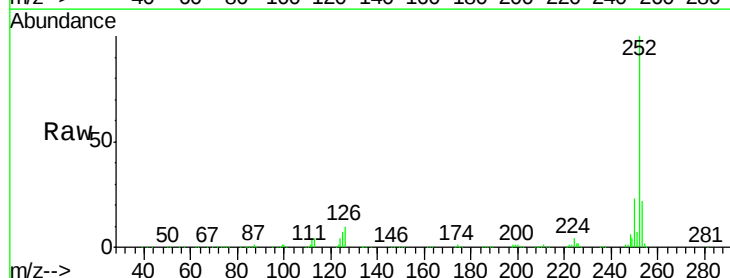
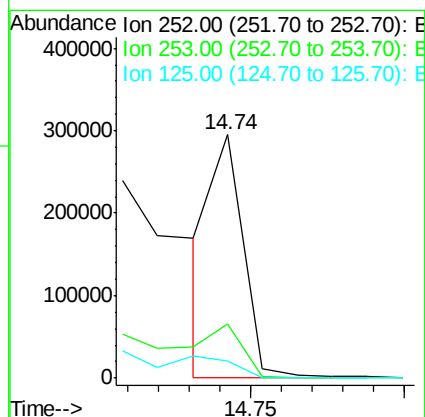
RT: 14.74 min Scan# 1116

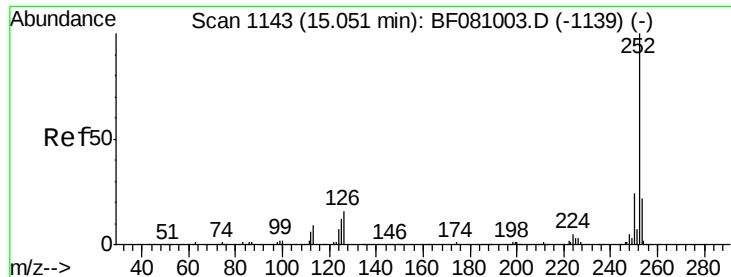
Delta R.T. -0.02 min

Lab File: BF081081.D

Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	6.9	10.3	15.5#





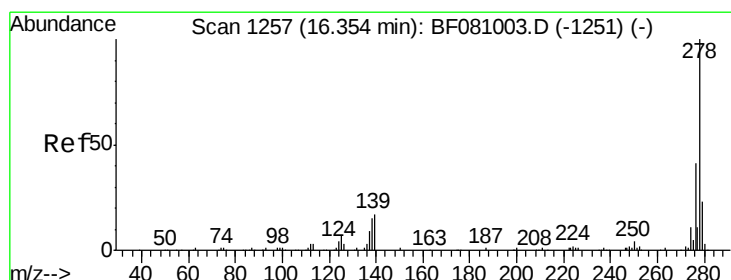
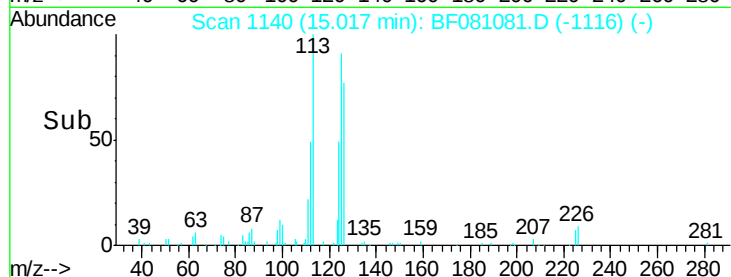
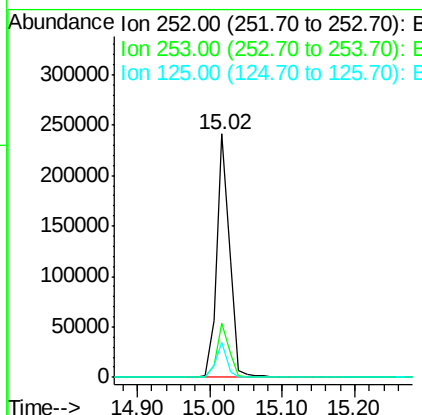
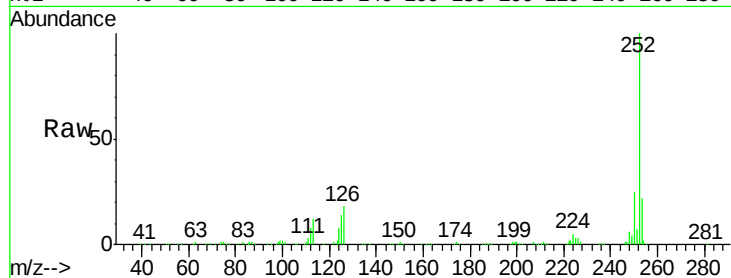
#89
Benzo(a)pyrene
Concen: 36.60 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.6	25.0
125	14.4	7.8	11.8

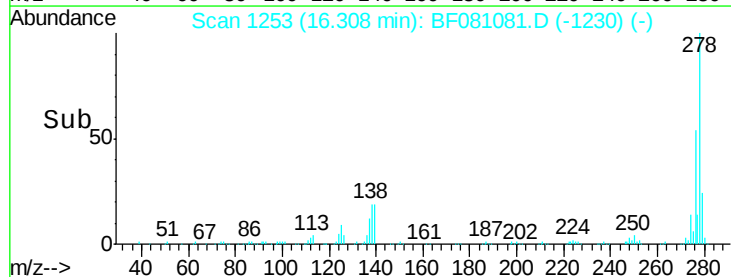
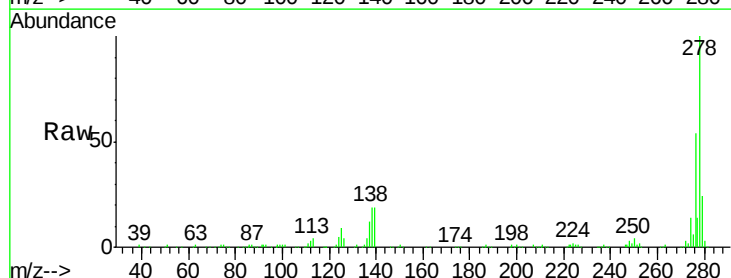
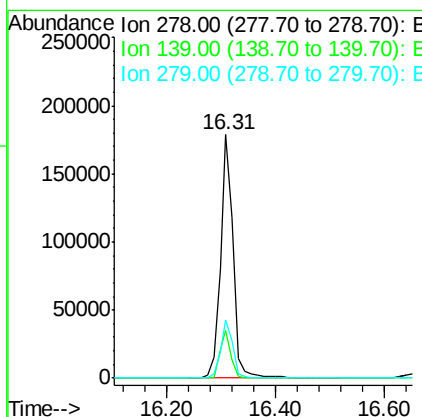
Manual Integrations
APPROVED

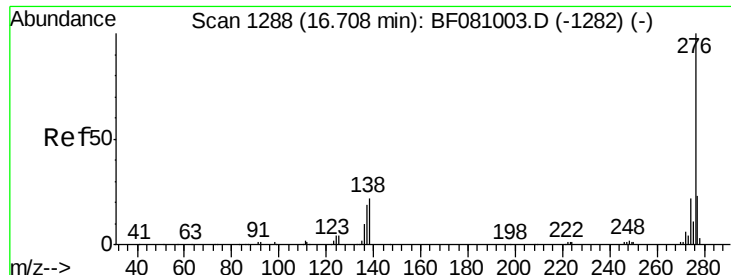
MMDadoda
8/19/2015 2:19:19 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.59 ng
RT: 16.31 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF081081.D
Acq: 19 Aug 2015 12:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	10.8	16.2
279	24.0	19.0	28.6





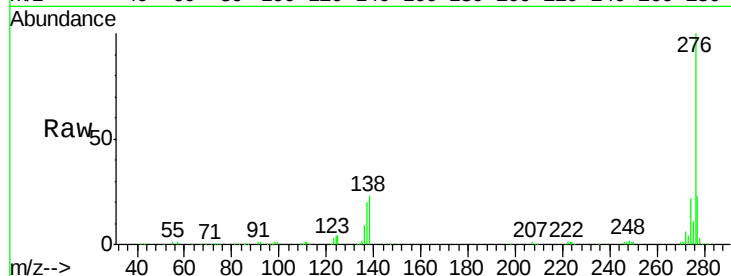
#91
 Benzo(a,h,i)perylene
 Concen: 43.69 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081081.D
 Acq: 19 Aug 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	18.2	27.2
138	22.7	13.7	20.5

Manual Integrations
 APPROVED

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 8/19/2015 2:19:19 PM



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

